



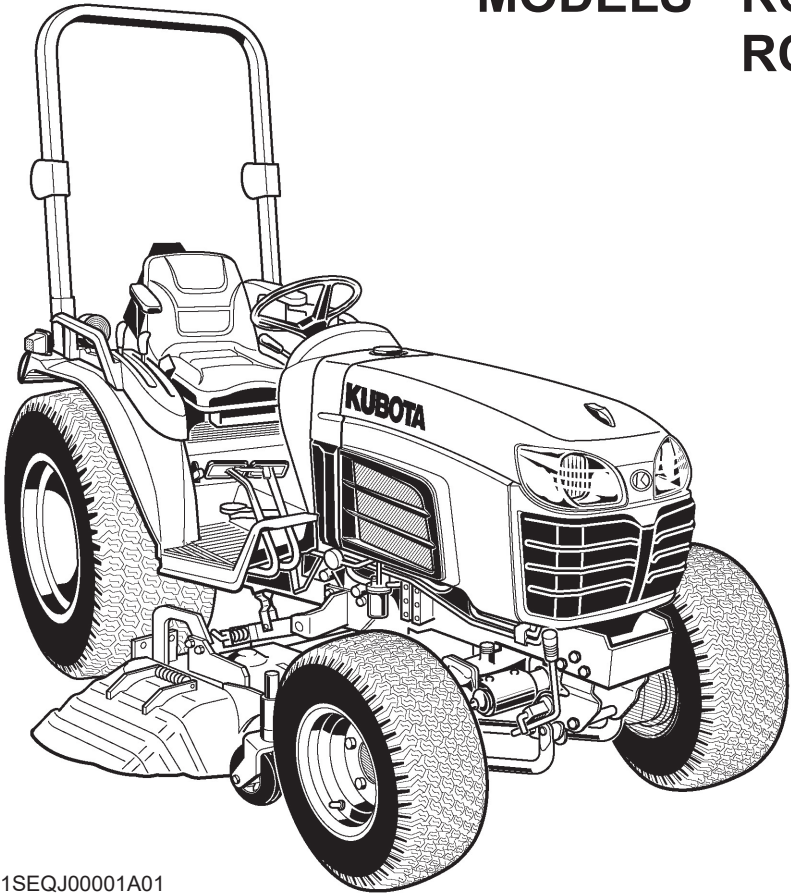
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English (U.S.A.)
Code No. K5792-7115-2

OPERATOR'S MANUAL

KUBOTA ROTARY MOWER

MODELS **RCK60-30BC**
RC72-30BC



1SEQJ00001A01

RCK60-30BC · RC72-30BC

READ AND SAVE THIS MANUAL



ABBREVIATION LIST

Abbreviations	Definitions
fpm	Feet per minute
LH	Left Hand (Standing in the direction of travel)
m/s	Meters per second
PTO	Power Take Off
RH	Right Hand (Standing in the direction of travel)
ROPS	Roll-Over Protective Structures
rpm	Revolutions per minute
r/s	Revolutions per second
SAE	Society of Automotive Engineers

FOREWORD

You are now the proud owner of a KUBOTA ROTARY MOWER. This machine is a product of Kubota's quality engineering and manufacturing. It is made of excellent materials and under a rigid quality control system. It will give you long, satisfactory service. To obtain the best use of your rotary mower, please read this manual carefully. It will help you become familiar with the operation of the machine and contains many helpful hints about rotary mower maintenance. It is Kubota's policy to utilize, as quickly as possible, every advance in our research. The immediate use of new techniques in the manufacturing of products may cause some small parts of this manual to become outdated. Kubota distributors and dealers will have the most up-to-date information. Please do not hesitate to consult them.



SAFETY FIRST

This symbol, the industry's "Safety Alert Symbol", is used throughout this manual and on labels on the mower itself to warn of the possibility of personal injury. Read these instructions carefully. It is essential that you read the instructions and safety regulations before you attempt to assemble or use this unit.



DANGER : Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.



WARNING : Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION : Indicates a potentially hazardous situation which, if not avoided, could result in minor or moderate injury.

IMPORTANT : Indicates that equipment or property damage could result if instructions are not followed.

NOTE : Gives helpful information.



WARNING : Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

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SAFE OPERATION

Careful operation is your best insurance against an accident.

Read this *SAFE OPERATION* section carefully before operating the mower. All operators, no matter how much experience they may have had, should read this manual, tractor manual, and other related manuals before operating mower. It is the owner's obligation to instruct all operators in safe operation.

PRECAUTIONS BEFORE OPERATION OF THE MOWER

1. Precautions for the operator before operating the mower

- Do not operate the mower while under the influence of alcohol, medication, other substances, or while fatigued.
- Know the controls thoroughly, and learn how to stop the mower quickly in an emergency. Know your equipment and its limitations.
- Do not wear loose, torn, or bulky clothing. It may catch on moving parts or controls, leading to the risk of accident. Always wear slip-resistant foot protection. Eye and hearing protection, gloves, etc. are recommended.
- Never allow children to operate the mower, even under adult supervision.
- Do not carry passengers.
- Read and understand this manual and the tractor operator's manual before operating mower. Allow only a properly trained person to operate the tractor.

2. Precautions of the machine, the blades, and the equipment

- Never operate the mower without proper guards, belt covers, and the grass catcher bag or the discharge deflector in place.
- Many safety devices equip with the mower. Do not alter or remove any part of safety system for your safety.
- Keep all nuts, bolts, and screws tight to be sure the mower is in safe working condition.
- Check the blade bolts at frequent intervals for proper tightness.
- Inspect the blades for wear and damage. You can sharpen a dull blade, but replace a blade that is worn out, bent, cracked, or otherwise damaged.

- The roll-over protective structures (ROPS) is an integral and effective safety device. Kubota recommends the use of ROPS and the seat belt in almost all applications.

The machine is equipped with a foldable ROPS, which may be temporarily folded down only when absolutely necessary for areas with height constraints.

Always use the seat belt when the ROPS is upright. Do not use the seat belt if the ROPS is down.

- Replace damaged or illegible safety decals. (See SAFETY LABELS on page 5 for required labels.)
- Do not modify the mower. Unauthorized modification may affect the function of the mower, which may result in personal injury.
- Take steps to reduce vibration. e.g. correct tire pressure, reducing speed over rough ground. Extended continuous operation may lead to adverse health effects from vibration.
- Check before each use that the blade stopping device(s) is functioning correctly. Do not operate unless they are functioning correctly.

3. Precautions of the working area

- Thoroughly inspect the area where the mower is to be used. Remove all stones, sticks, wires, bones and other objects that could be thrown at high speed.
- Keep the area of operation clear of all persons, particularly small children, and pets. Keep all people and pets at a safe distance from the work area.

PRECAUTIONS OF OPERATION OF THE MOWER

1. Precautions for starting the mower

- Never start the engine or operate levers from anywhere other than the operator's seat.
- Before starting the engine, make sure the following items:
 - All levers including auxiliary-control-levers are in their "NEUTRAL" positions.
 - The parking brake is engaged.
 - Both the clutch and the power take-off (PTO) are disengaged (OFF).

2. Precautions for mowing

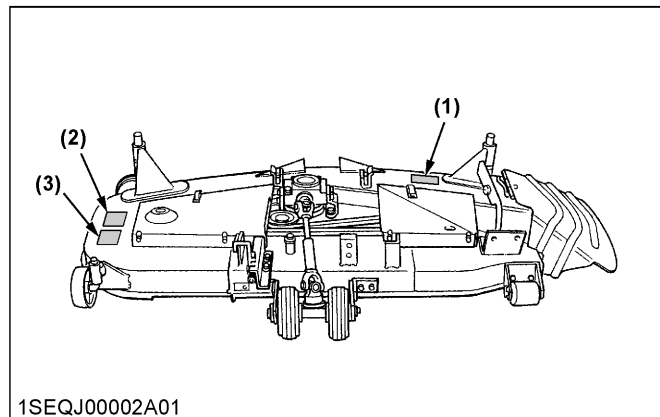
- Operate during daylight or in bright artificial light.
- Do not stand on the mower.
- Do not allow any bystanders around or near the machine during operation. Be sure the area is clear of other people before mowing. Stop the machine if anyone enters the area.
- Never allow any bystanders, particularly small children, around or near the machine during operation. Be sure the area is clear of other people before mowing. Stop the machine and attachment(s) if anyone enters the area.
- Tragic accidents can occur if the operator is not aware of the presence of children. Children are attracted to the machine and mowing activity.
- Never assume that children will remain where you last saw them.
- Keep children out of the mowing area and under the watchful care of a responsible adult other than the operator.
- Do not carry children, even with the blade(s) shut off. Children could fall off and be seriously injured or interfere with safe machine operation. Children who have been given rides in the past could suddenly appear in the mowing area for another ride and be run over or backed over by the machine.
- Do not mow while in reverse unless absolutely necessary and then only after inspecting the entire area behind the mower. Look down and behind before and while backing up.
Be extra careful with children.
- While making turns in rough terrain, reduce tractor speed.
- Do not direct discharge material against a wall or obstruction, which may reflect material back at the operator.
- Disengage the PTO and stop the blades when crossing gravel surfaces.
- Upon striking a foreign object, stop and inspect the tractor and the mower for damage. Repair the damage before resuming operation.
- If the mower discharge deflector becomes clogged, stop the tractor; disengage the mower drive; shut off the engine, remove the key, and clean out the deflector before continuing.
- Do not mow on steep inclines, rough terrain or near drop-offs.
- Hillside operation is dangerous and is not recommended. If it is necessary to mow on a hillside, use extreme caution. Never mow across the face of a slope. Do not operate with the loader.

PRECAUTIONS OF MAINTENANCE AND STORAGE OF THE MOWER

- Keep hands and feet away from moving parts. Do not adjust or repair while the tractor and mower are running. To adjust or repair the mower, follow the following procedure.
 1. Shut off the engine.
 2. Remove the key.
 3. Set the parking brake.
 4. Allow the blades to stop.
- Failure to perform the recommended maintenance can result in costly repairs, reduced performance, and potential safety hazards.
- Keep your machine clean. Accumulations of dirt, grease, and trash can contribute to fires and lead to personal injury.

SAFETY LABELS

RCK60-30BC



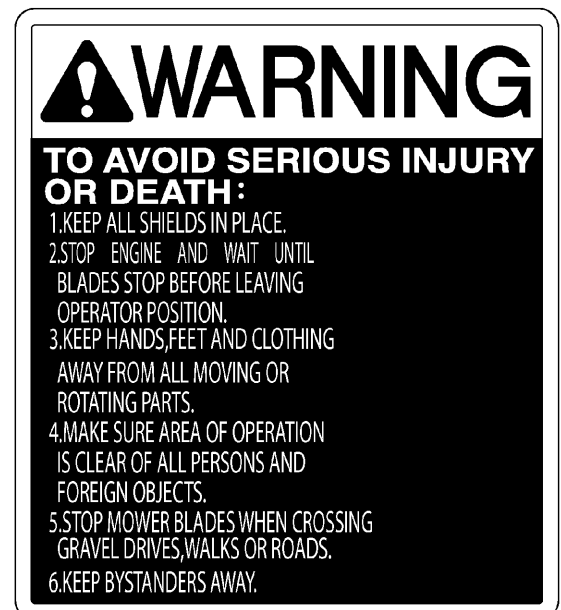
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(2) Part No. K5112-7312-2



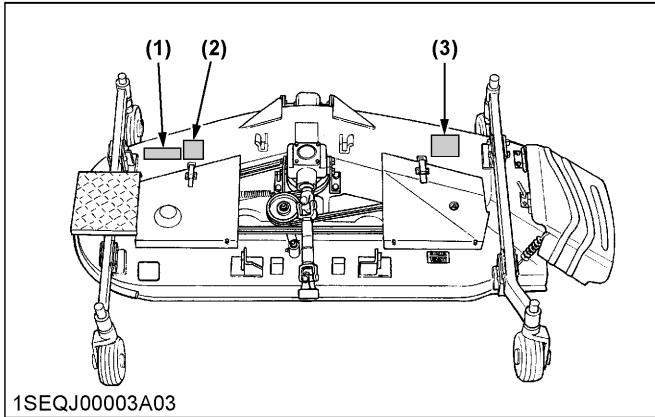
(3) Part No. K5384-4715-2



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SAFE OPERATION

RC72-30BC



(1) Part No. K5792-4112-1



(2) Part No. K5792-4114-2



(3) Part No. K5792-4113-1



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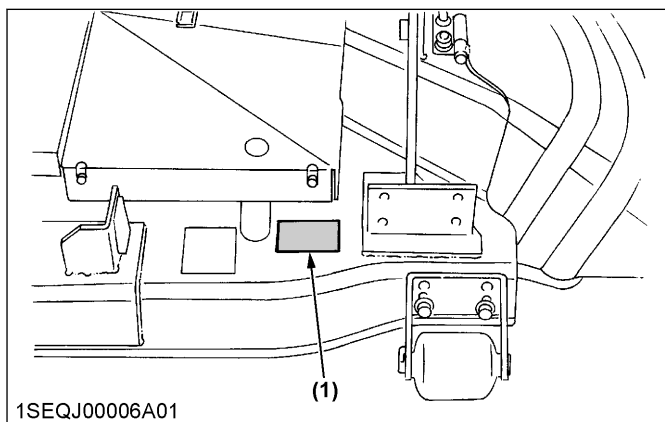
CARE OF SAFETY LABELS

- Keep safety labels clean and free from obstructing material.
- Clean safety labels with soap and water, then dry with a soft cloth.
- Replace damaged or missing safety labels with new labels from your local Kubota Dealer.
- If a component with safety label(s) attached is replaced with a new part, make sure new label(s) is (are) attached in the same location(s) as the replaced component.
- Attach new safety labels by applying them on a clean dry surface and pressing any bubbles to the outside edge.

SERVICE OF THE MOWER

DEALER SERVICE

When in need of parts or service, give the serial number of the mower to the dealer. The serial number is located on the right side of the mower deck.



(1) Serial number

For your reference, record the serial number in the space provided.

MODEL	
SERIAL NUMBER	
DATE OF PURCHASE	
NAME OF DEALER	

WARRANTY OF THE MACHINE

This machine is warranted under the Kubota Limited Express Warranty, a copy of which may be obtained from your selling dealer.

No warranty shall, however, apply if the machine has not been handled according to the instruction given in the Operator's Manual even if it is within the warranty period.

SCRAPPING PROCEDURE OF THE MACHINE

To put the machine out of service, correctly follow the local rules and regulations of the country or territory where you scrap it.

If you have questions, contact your local Kubota Dealer.

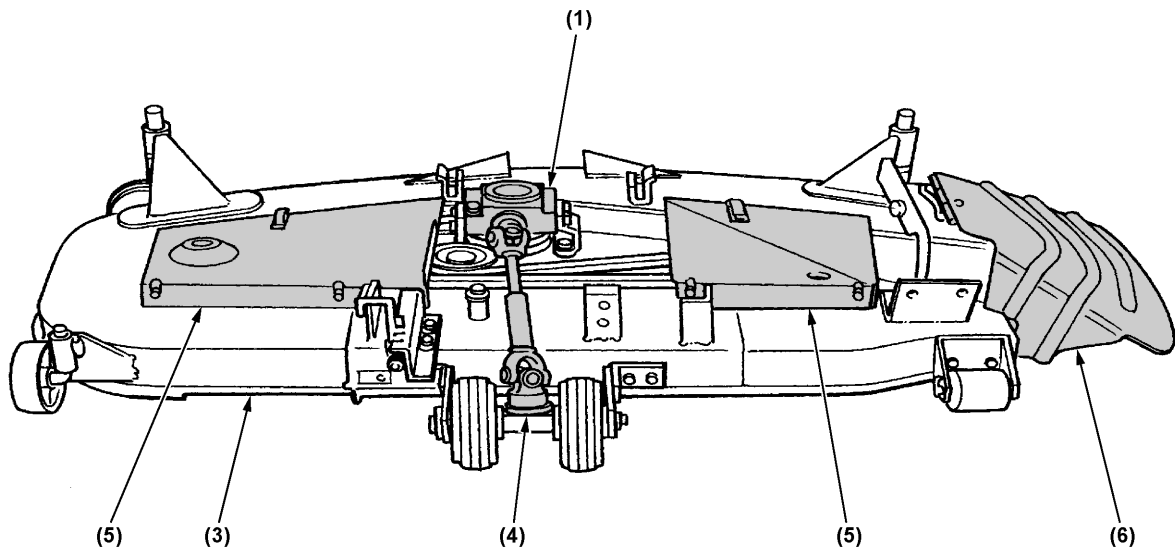
INTRODUCTION

SPECIFICATIONS

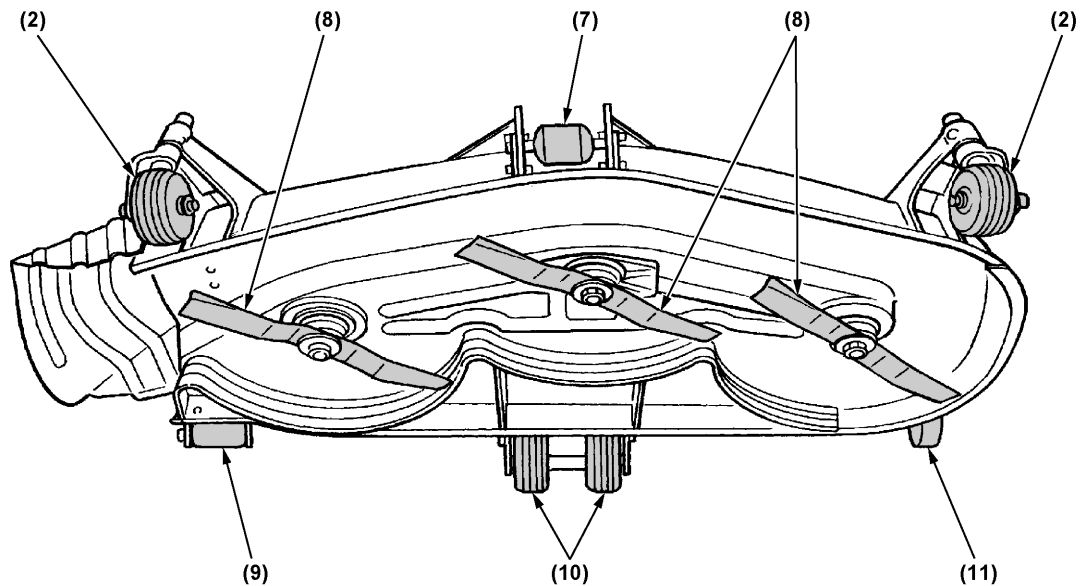
Model			RCK60-30BC	RC72-30BC
Suitable tractor			B2650, B3350, B3150, LX2610, LX2620, LX3310	
Mounting method			Parallel linkage	
Adjustment of cutting height			Gauge wheel	
Cutting width	mm (in.)		1524 (60)	1826 (72)
Cutting height	mm (in.)		38 to 102 (1.5 to 4.0)	
Weight (approximation)	kg (lbs.)		170 (375)	210 (463)
Blade spindle speed	r/s (rpm)		44.7 (2680)	40.0 (2400)
Blade tip velocity	m/s (fpm)		73.4 (14439)	78.4 (14680)
Blade length	mm (in.)		523 (20.6)	625 (24.6)
Number of blades			3	
Dimensions	Total length	mm (in.)	1060 (41.7)	1243 (48.9)
	Total width	mm (in.)	1881 (74.0)	2247 (88.5)
	Total height	mm (in.)	345 (13.6)	370 (14.6)

TERMINOLOGY OF THE MOWER

RCK60-30BC



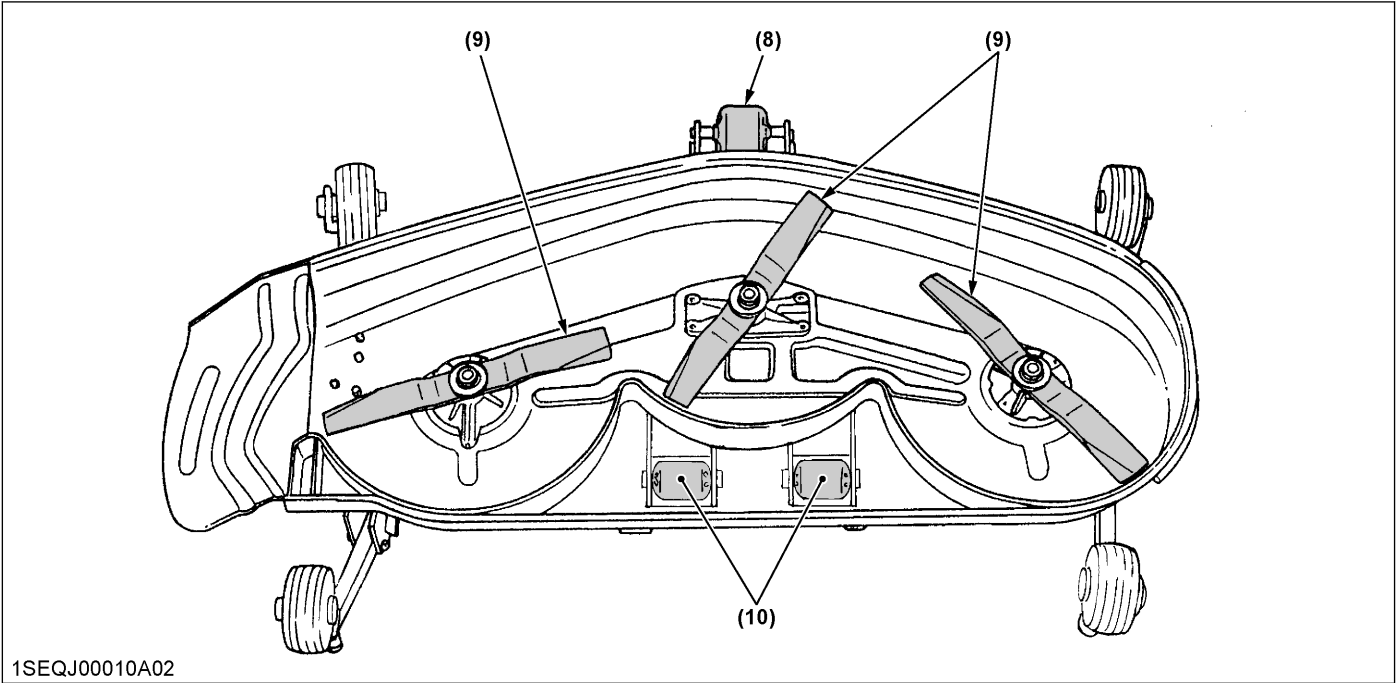
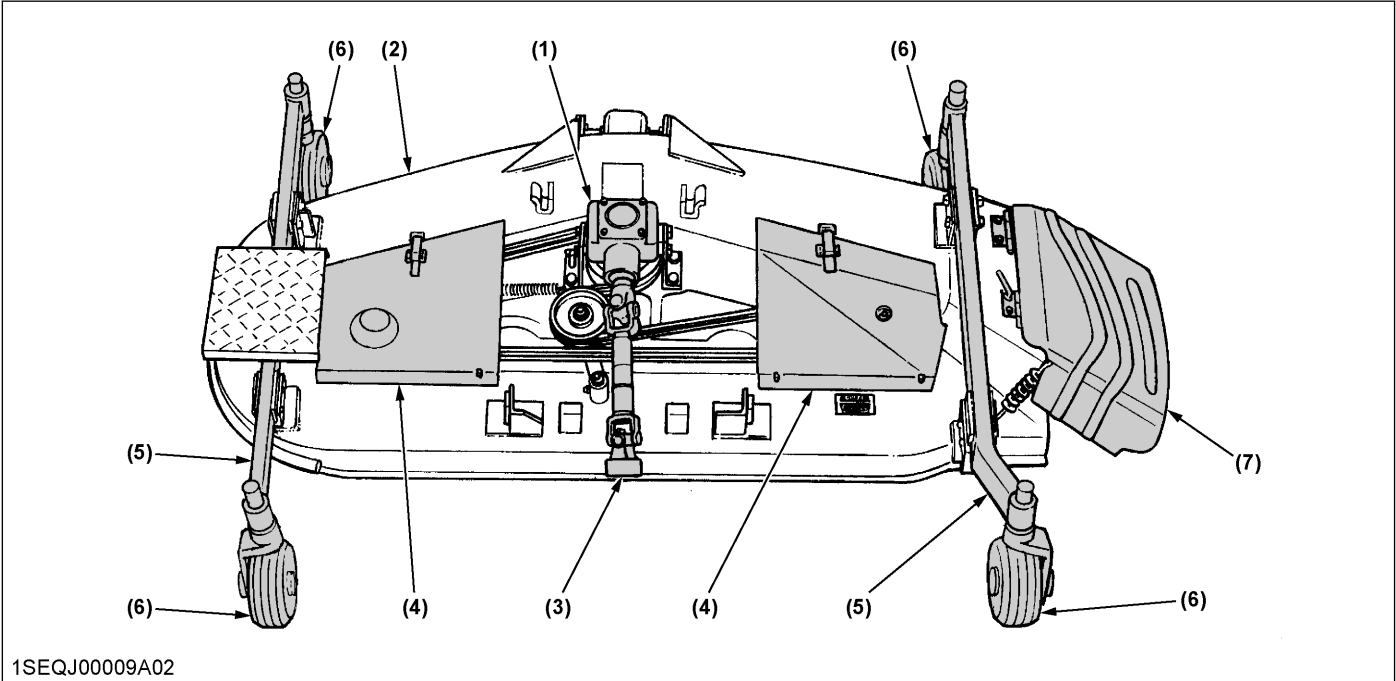
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- | | | | |
|-----------------------|-------------------------|-----------------------------|-----------------------|
| (1) Gearbox | (4) Universal joint | (7) Front anti-scalp roller | (10) Rear gauge wheel |
| (2) Front gauge wheel | (5) Belt cover | (8) Blade | (11) Anti-scalp wheel |
| (3) Mower deck | (6) Discharge deflector | (9) Rear anti-scalp roller | |

RC72-30BC



- | | | | |
|---------------------|----------------------|-----------------------------|-----------------------------|
| (1) Gearbox | (4) Belt cover | (7) Discharge deflector | (10) Rear anti-scalp roller |
| (2) Mower deck | (5) Gauge wheel stay | (8) Front anti-scalp roller | |
| (3) Universal joint | (6) Gauge wheel | (9) Blade | |

SETTING UP OF THE MOWER

SETTING-UP PROCEDURE OF THE MOWER

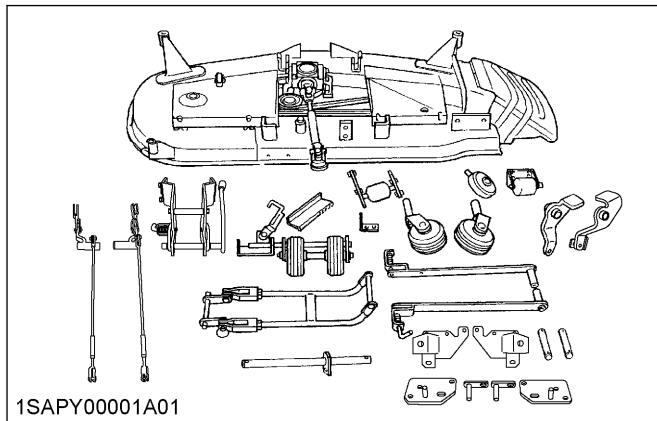
Some of the mower parts were packed separately. Read the following procedure to properly assemble the mower.

1. **Pre-assembly**
(See Checking the parts of the mower before assembly on page 13.)
2. **Setting up the mower**
(See Setting up the mower on page 13.)
3. **Mounting the mower to the tractor with titan turf tires**
(See Installing mower stopper extension on page 16.)

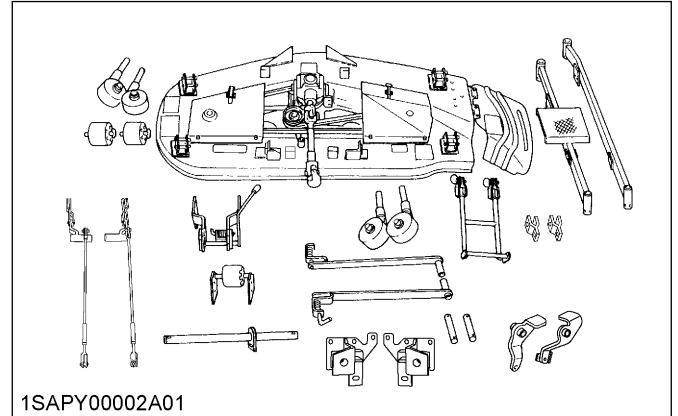
1. Checking the parts of the mower before assembly

1. Get all the mower components out from the case, and check the parts as illustrated in the following figures.
Some of these parts may already be assembled to the mower deck.

RCK60-30BC



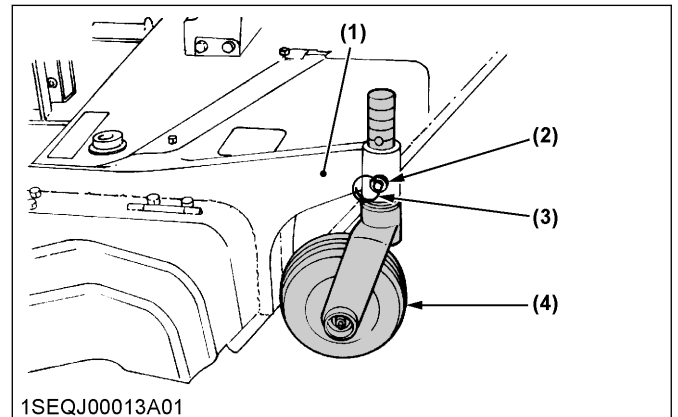
RC72-30BC



2. Setting up the mower

2.1 RCK60-30BC

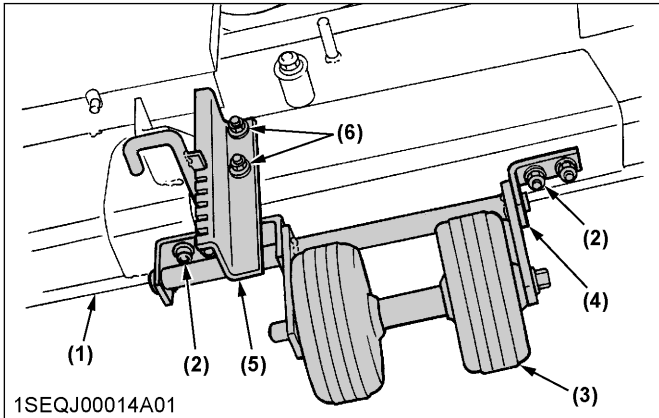
1. Attach the front gauge wheels to the arms of the mower deck with the clevis pins and snap rings.



- (1) Arm
- (2) Clevis pin $\phi 10 \times 50$
- (3) Snap ring $\phi 45$
- (4) Front gauge wheel

- Attach the bracket to the mower deck with M10 bolts, spring washers and nuts. Then attach the rear gauge wheel assembly to the mower deck with M10 bolts, spring washers and nuts. Attach the adjusting plate to the mower deck with M10 bolts, spring washers and nuts.

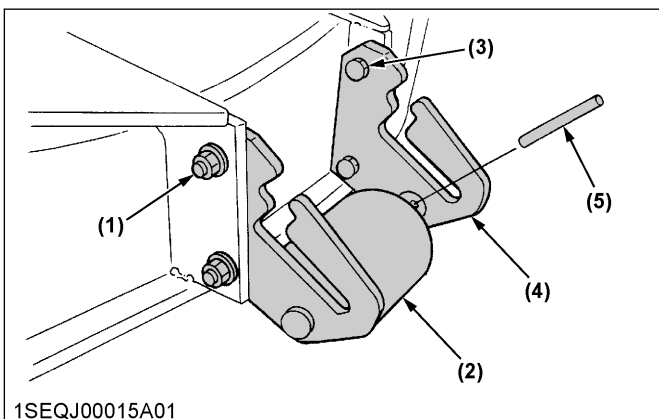
Tightening torque	M10	48.1 to 55.9 N·m 4.9 to 5.7 kgf·m 35.4 to 41.2 lbf·ft
-------------------	-----	---



- Mower deck
- 5-M10 × 25 bolt, spring washer, nut
- Rear gauge wheel assembly
- Bracket
- Adjusting plate
- 2-M10 × 25 bolt, spring washer, nut

- Attach the bracket to the mower deck with M10 bolts, spring washers and nuts, and the front center anti-scalp roller to the bracket with the spring pin.

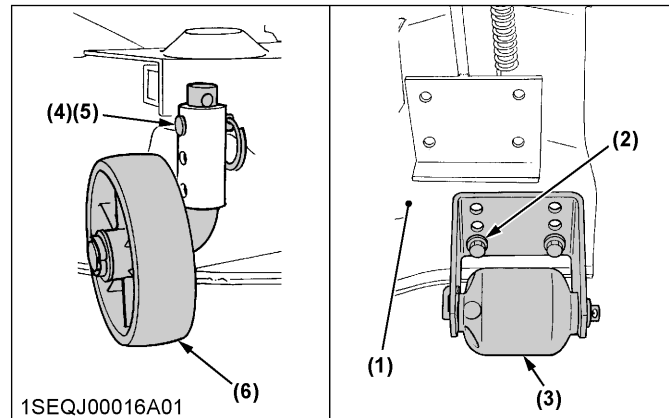
Tightening torque	M10	48.1 to 55.9 N·m 4.9 to 5.7 kgf·m 35.4 to 41.2 lbf·ft
-------------------	-----	---



- 4-Spring washer, nut (outside)
- Front center anti-scalp roller
- 4-M10 × 30 bolt
- 2-Bracket (LH and RH)
- Spring pin (ø5.6 × 19)

- Attach the anti-scalp wheel with the clevis pin and snap ring, and the rear anti-scalp roller with M10 bolts and spring washers to the mower deck.

(See tightening torque chart in step 3.)
Assemble the clevis pin as shown in the figure.



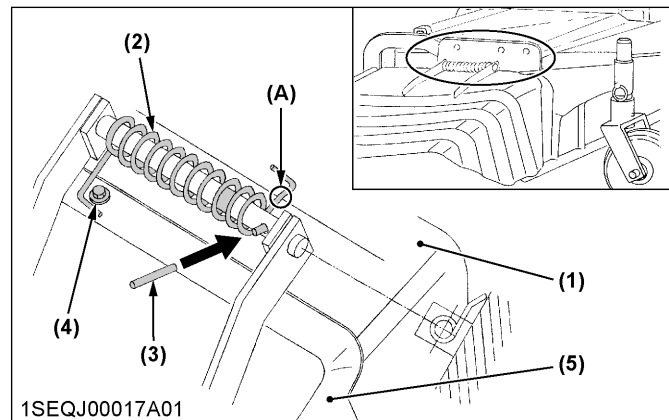
- Mower deck
- 2-M10x25 bolt, spring washer
- Rear anti-scalp roller
- Clevis pin (ø7.9 × 35)
- Snap ring
- Anti-scalp wheel

- Attach the discharge deflector to the mower deck with the spring, spring pin, M10 bolt, spring washer and nut. (See tightening torque chart in step 3.) Secure the spring to the discharge deflector as illustrated.

WARNING

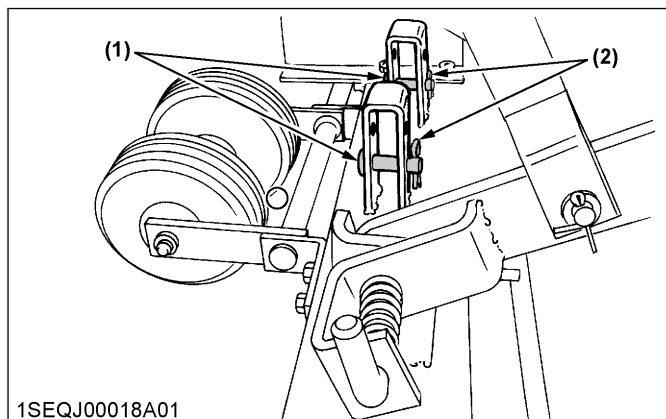
To avoid serious injury or death:

- Discharge deflector stopper should be set in place as shown below.



- Mower deck
 - Spring
 - Spring pin (ø5.6 × 19)
 - Discharge deflector stopper (M10 × 25 bolt, spring washer, nut)
 - Discharge deflector
- (A) Bent side

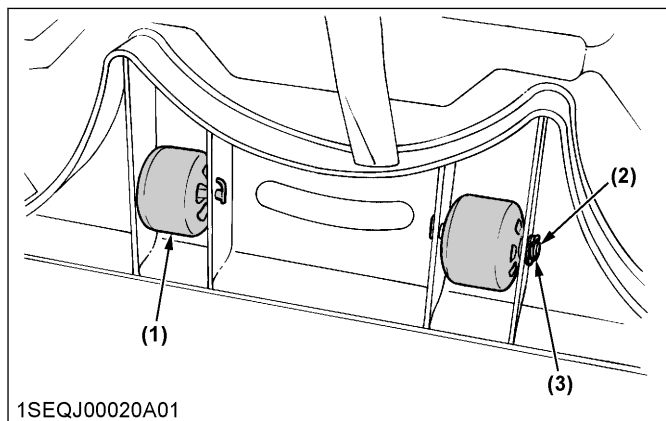
6. Install the clevis pins (for holding the mower when using 3 point hitch attachments) with the snap pin as illustrated below.



- (1) 2-Clevis pin ($\phi 12.7 \times 44$)
- (2) 2-Snap pin

2.2 RC72-30BC

1. Attach the rear anti-scalp roller to the mower deck as illustrated.



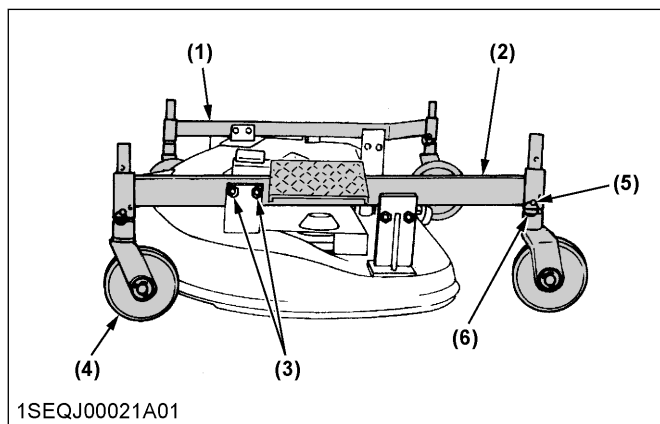
- (1) 2-Rear anti-scalp roller ($\phi 80$)
- (2) 2-Cotter pin
- (3) 2-Plain washer

2. Attach the gauge wheel stays to the mower deck with M12 bolts, spring washers and nuts. Then attach the gauge wheels to the mower deck with the clevis pins and snap rings.

IMPORTANT :

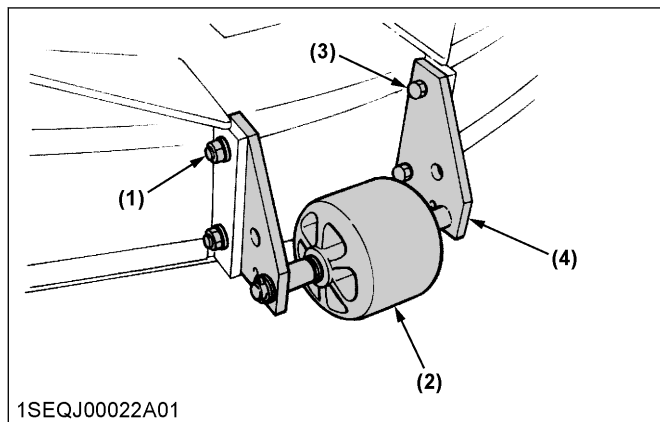
- **Keep the gauge wheels at the same level when in contact with ground. Now tighten up the gauge wheel stays with bolts.**

Tightening torque	M12	77.4 to 90.2 N·m 8.0 to 9.2 kgf·m 57.2 to 66.5 lbf·ft
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- (1) Gauge wheel stay (RH)
- (2) Gauge wheel stay (LH)
- (3) 8-M12 $\times$ 70 bolt, spring washer, nut
- (4) 4-Gauge wheel
- (5) 4-Clevis pin
- (6) 4-Snap ring

3. Attach the bracket to the mower deck with M10 bolts, spring washers and nuts.



- (1) 4-Spring washer and nut
- (2) Front anti-scalp roller ($\phi 100$)
- (3) 6-M10 $\times$ 30 bolt
- (4) 2-Bracket (LH and RH)

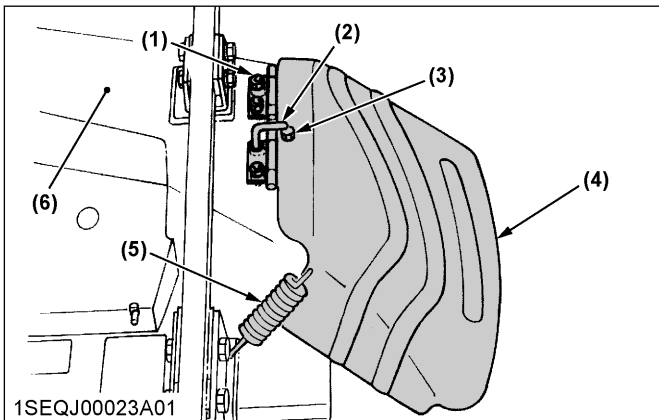
4. Attach the discharge deflector and discharge deflector stopper to the mower deck with M10 bolts, spring washers and nuts. Secure the spring to the discharge deflector as illustrated.

⚠ WARNING

To avoid serious injury or death:

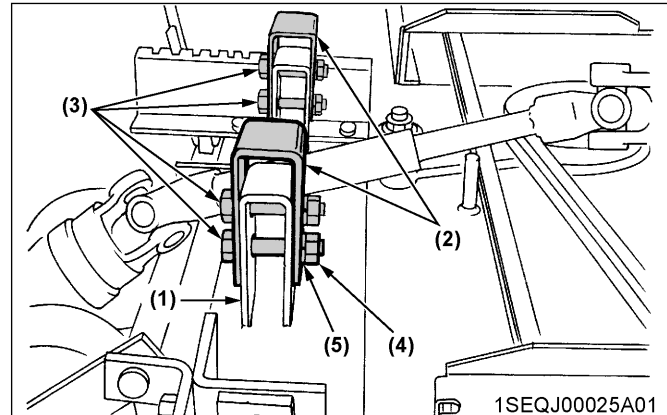
- Discharge deflector stopper should be set in place as shown below.

(See tightening torque chart in step 3.)



- (1) 3-M10 × 25 bolt
- (2) Discharge deflector stopper
- (3) 3-M10 × 28 bolt
- (4) Discharge deflector
- (5) Spring/Diameter 22 mm (0.87 in.)
- (6) Mower deck

Tightening torque	M12	77.4 to 90.2 N·m 8.0 to 9.2 kgf·m 57.2 to 66.5 lbf·ft
-------------------	-----	---



- (1) 2-Rear stopper plate
- (2) 2-Stopper plate extension
- (3) M12 × 1.25 × 60 hex bolt
- (4) M12 × 1.25 lock nut
- (5) M12 flat washer

MOUNTING RCK60-30BC TO THE TRACTOR WITH TITAN TURF TIRES

1. Installing mower stopper extension

IMPORTANT :

- Installation of this parts is required when you mount RCK60-30BC mower to tractor with the ABR8742 front turf tire (24 × 8.50-14) and ABR8744 rear turf tire (13.6-16) to prevent interference between the mower and tires.

⚠ WARNING

To avoid serious injury or death:

- Keep bystanders and animals away from the working area.
- Apply the parking brake.
- Shut off the engine and remove the key.

1. Attach the stopper plate extensions to the existing mower rear stopper plates using the M12 bolts, M12 washers, and M12 lock nuts provided.

MOUNTING THE MOWER TO THE TRACTOR

⚠ WARNING

To avoid serious injury or death:

- Park the tractor on a firm, flat and level surface, set the parking brake, stop the engine and remove the key.

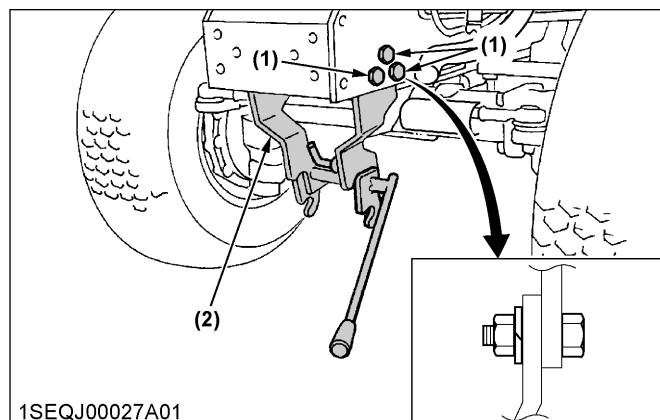
MOUNTING THE HANGER BRACKETS TO THE TRACTOR

1. Front

1. Attach the front hanger bracket assembly to the tractor with M14 bolts, nuts and spring washers.

Tightening torque	M14	123.6 to 147.0 N·m 12.6 to 15.0 kgf·m 91.1 to 108.5 lbf·ft
-------------------	-----	--

RCK60-30BC, RC72-30BC



- (1) 6-M14 × 35 bolt, spring washer, nut
(2) Front hanger bracket assembly

2. Mid and rear

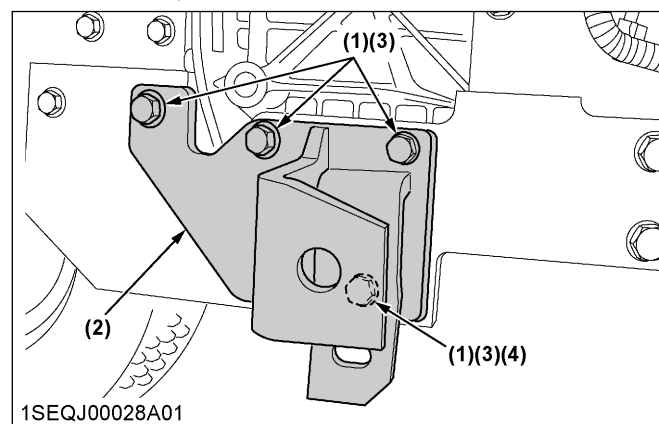
1. Attach the mid hanger brackets to the tractor with M12 bolts, plain washers and nuts.

IMPORTANT :

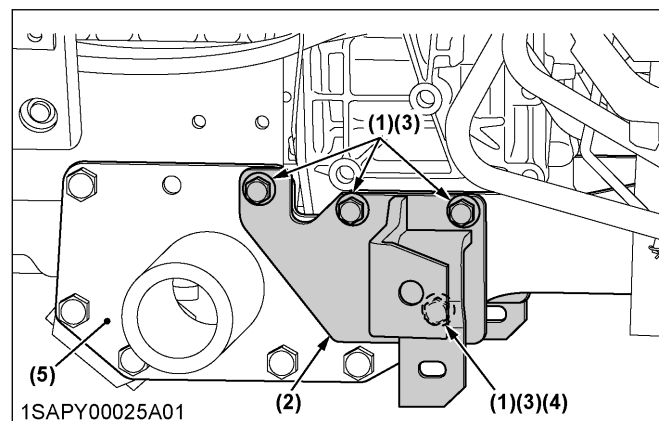
- Check tractor model.
Between LX2620 and all other models, the applied bolt and nut pitch is different. In the case of assembling different bolt, tractor frame damages.
Applied bolt and nut
LX2620: M12 × 1.25 (Black)
Other: M12 × 1.75 (Silver)

Tightening torque	M12	77.4 to 90.2 N·m 8.0 to 9.2 kgf·m 57.2 to 66.5 lbf·ft
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RCK60-30BC, RC72-30BC without loader frame



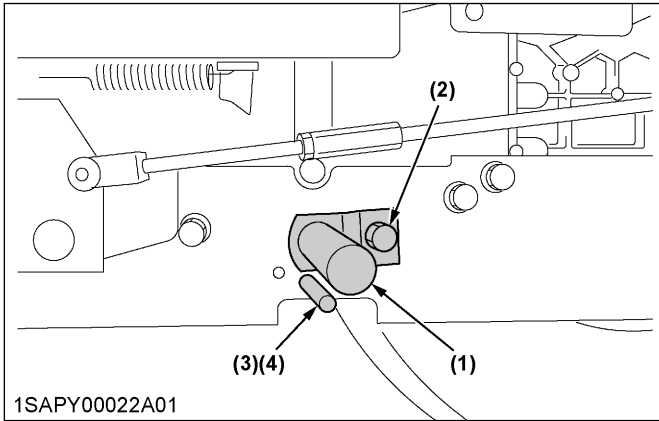
RCK60-30BC, RC72-30BC with loader frame



- (1) 8-M12 × 45 bolt
(2) 2-Mid hanger bracket (LH and RH)
(3) 8-plain washer
(4) 2-nut
(5) Loader frame

2. Install the rear hanger shaft from left side of the tractor stay holes.

3. Install the M12 stud bolts and nuts.
(See tightening torque chart in step 1.)



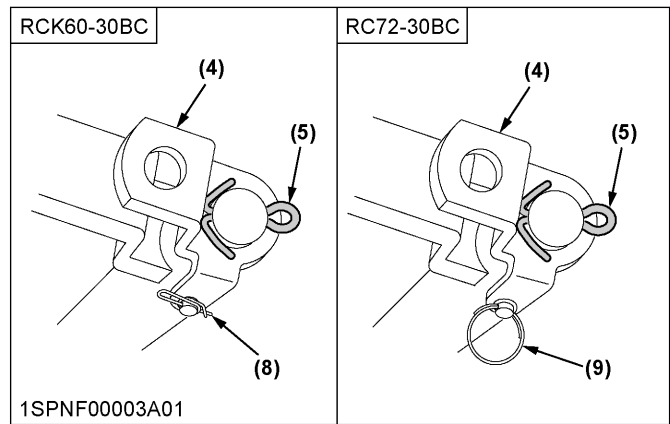
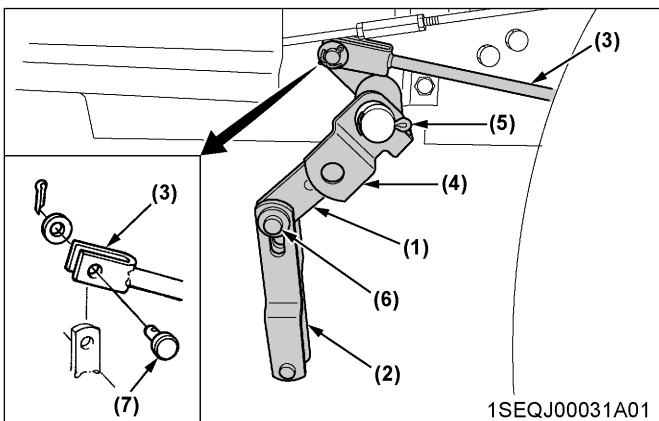
- (1) Rear hanger shaft
(2) 1-M12 x 25 bolt (LH side only)
(3) Nut
(4) 2-M12 stud bolt

SETTING UP THE REAR LINKS

1. Install the lift arms to the rear hanger shaft with link stoppers and cotter pins.
2. Install the lift arms, lift links and connecting rods with clevis pins, plain washers and cotter pins as illustrated below.

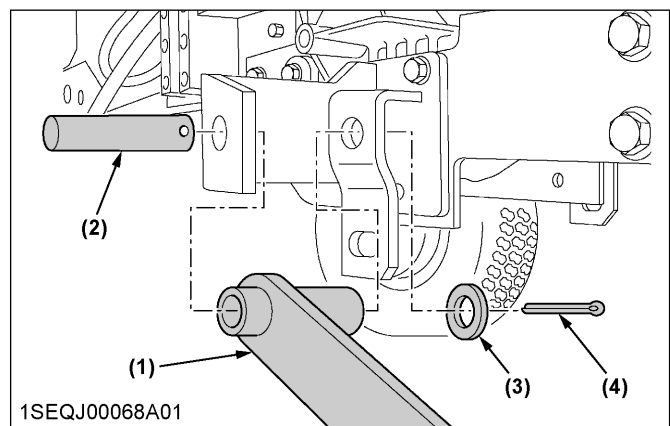
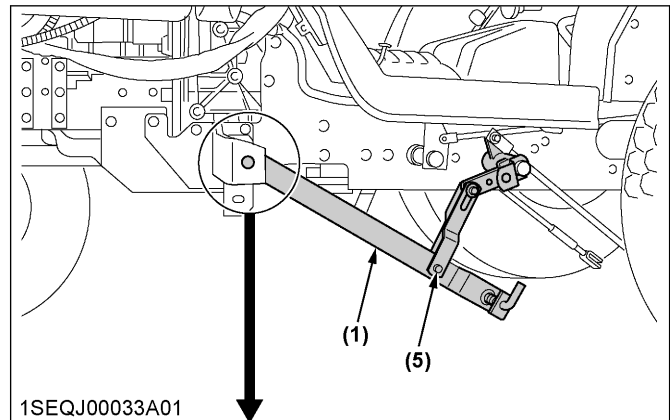
NOTE :

- Completely bend the cotter pin (5) to prevent the contact with link stopper as shown below.
- When assembling the connecting rod, insert the clevis pin from the outside as shown, and properly bend the cotter pin.



- (1) Lift arms
(2) Lift link
(3) Connecting rod
(4) Link stopper
(5) Cotter pin (ø5.6 x 44)
(6) Clevis pin (ø12.7 x 38)
(7) Clevis pin (ø12.7 x 32)
(8) Rue ring cotter pin
(9) Snap ring

3. Assemble the rear link with the stay pins, plain washers and cotter pins.
4. Connect the rear link to the lift link with the clevis pins, plain washers and cotter pins.

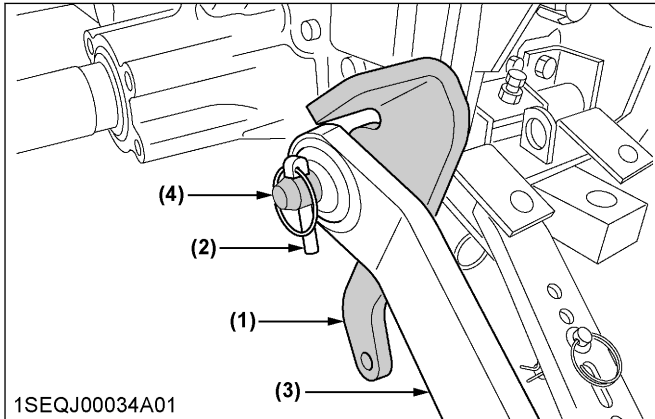


- (1) Rear link
(2) Stay pin
(3) Plain washers
(4) Cotter pins (ø4 x 32)
(5) Clevis pin

5. Install the lift brackets to the tractor.

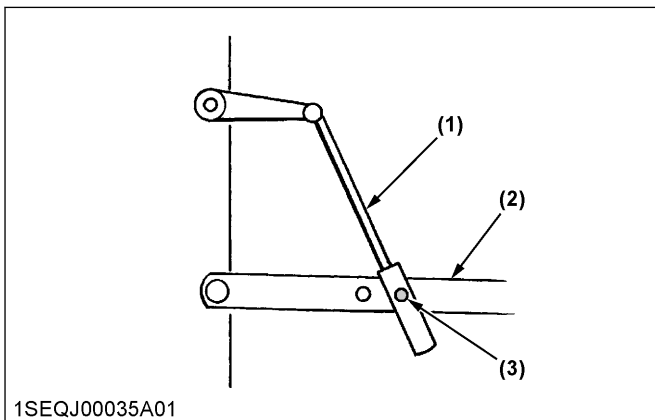
NOTE :

- Pull out the set pin first and then the spacer and the lower link.
- Attach both lift brackets inside the lower links to the lower link pins with the set pins as illustrated below.



- (1) Lift bracket
(2) Set pin
(3) Lower link
(4) Lower link pin

- Connect the lifting rods and adjust the length of both lifting rods equally with the turnbuckle of the right connecting rods.

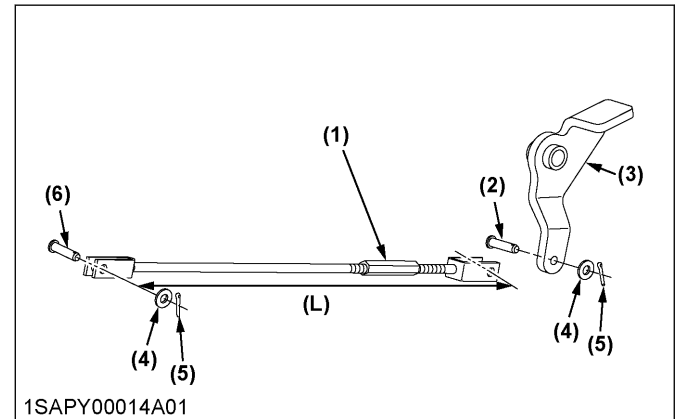
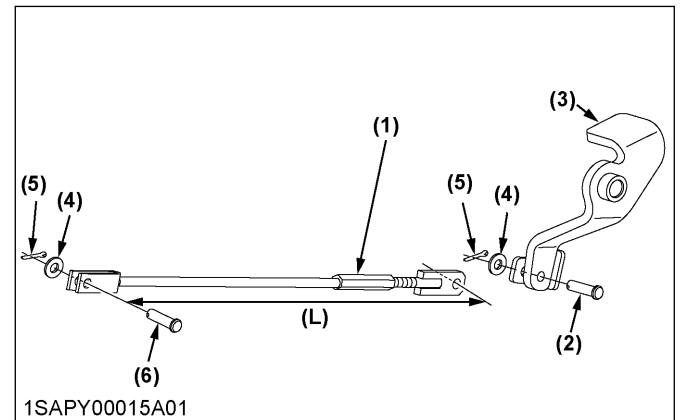


- (1) Lifting rods (3 point hitch)
(2) Lower link
(3) Setting position

6. Connect the connecting rods to the lift brackets with clevis pins, plain washers and cotter pins.

NOTE :

- Make sure the lengths (L) of the mower connecting rods are as shown in the following table.

LH**RH**

- (1) Connecting rod
(2) Clevis pin (ø12.7 × 44)
(3) Lift bracket
(4) Plain washer
(5) Cotter pin
(6) Clevis pin (ø12.7 × 32)

Mower	Connecting rod (L)
RCK60-30BC	665 mm (26.2 in.)
RC72-30BC	670 mm (26.4 in.)

MOUNTING THE MOWER TO THE TRACTOR

⚠ WARNING

To avoid serious injury or death:

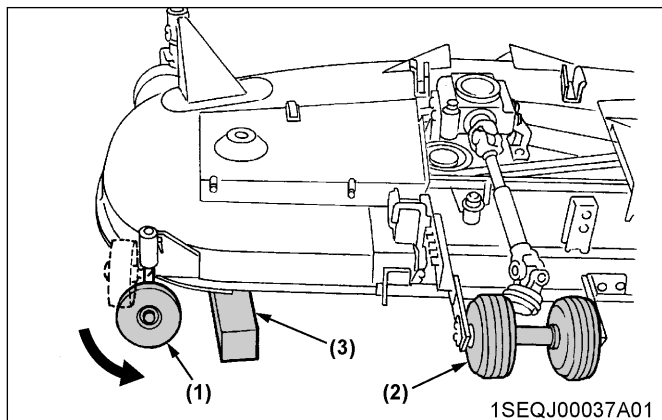
- Before starting the engine, make sure that all levers (including auxiliary control levers) are in their "NEUTRAL" positions, that the parking brake is engaged, and that both the clutch and the power take-off (PTO) are disengaged (OFF).

IMPORTANT :

- You cannot mount the mower to the tractor with backhoe. Before mounting the mower, remove the backhoe from the tractor.

1. RCK60-30BC

- Place the mower on a block as illustrated.
 - Turn the anti-scalp wheel sideways and move the rear gauge wheel to the lowest cutting height. Remove the block.



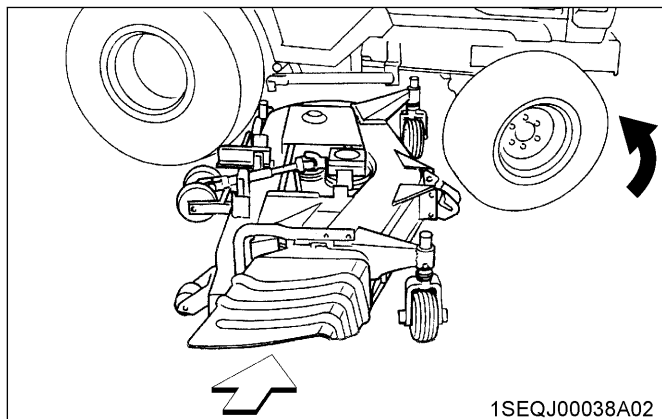
- (1) Anti-scalp wheel
(2) Rear gauge wheel
(3) Block

⚠ WARNING

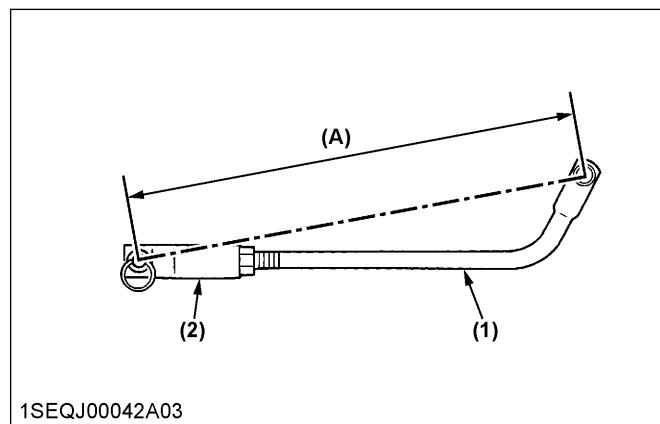
To avoid serious injury or death:

- Shut off the engine and remove the key.

- Turn the steering wheel fully left. Roll the mower under the tractor from right side.



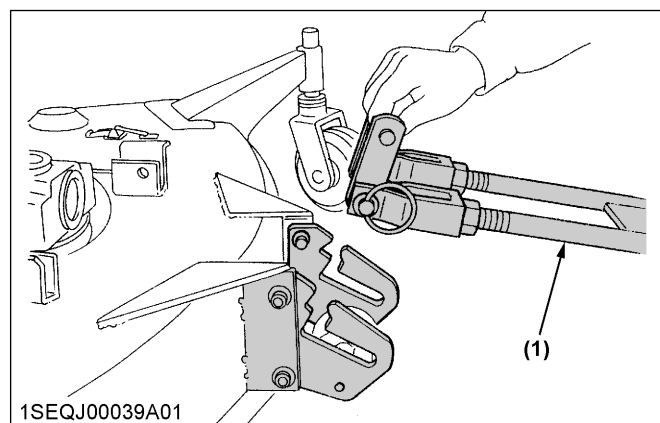
- Return the steering wheel to center.
- Check that the length of the front link is 505 mm (19.9 in.). If not, adjust the front link by turning the buckle.



- (1) Front link
(2) Buckle

(A) 505 mm (19.9 in.)

- Hook the front link in the front bracket groove as shown.

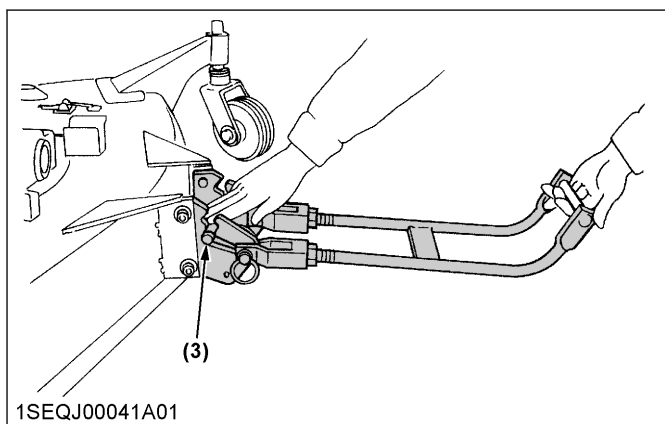
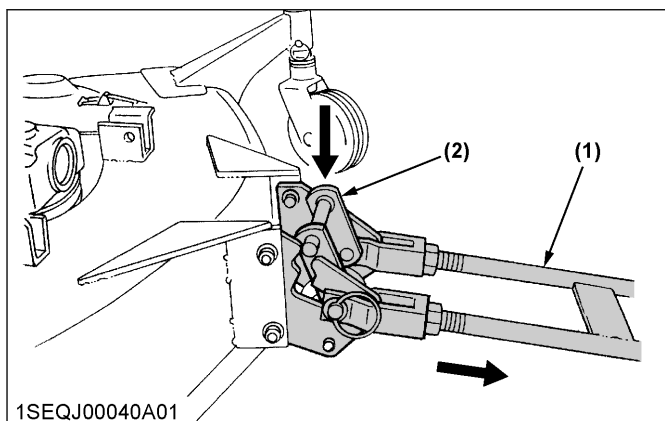


- (1) Front link

6. Lock the link in the groove with the stopper.

NOTE :

- Fit the stopper in the groove properly.



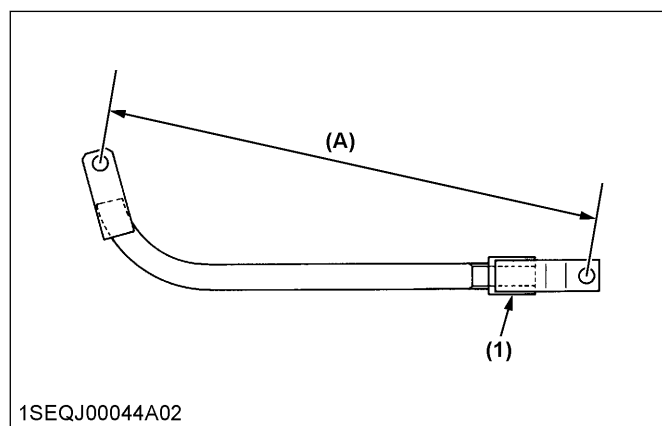
- (1) Front link
(2) Stopper
(3) Front bracket groove

To be continued.

2. RC72-30BC

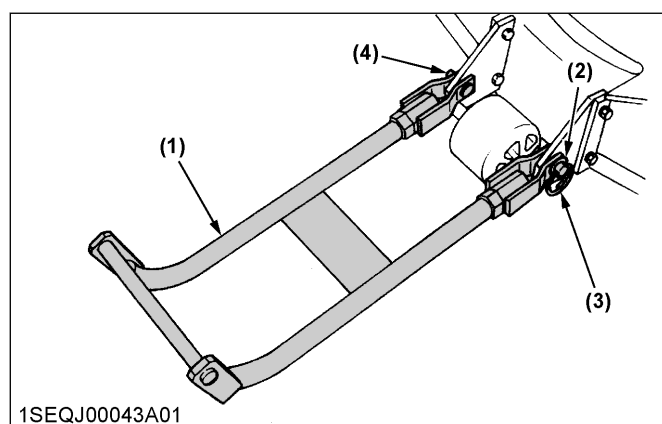
NOTE :

- Make sure the length of the front link is 530 mm (20.9 in.). If not, adjust the front link by turning the buckle.



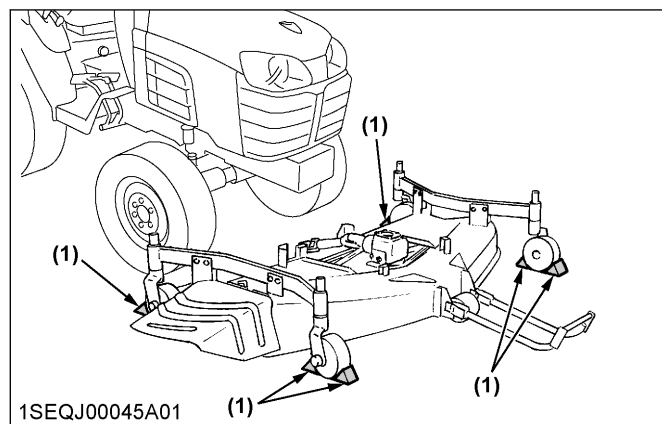
- (1) Buckle (A) 530 mm (20.9 in.)

1. Attach the front link to the mower deck with clevis pins, plain washers and snap rings.



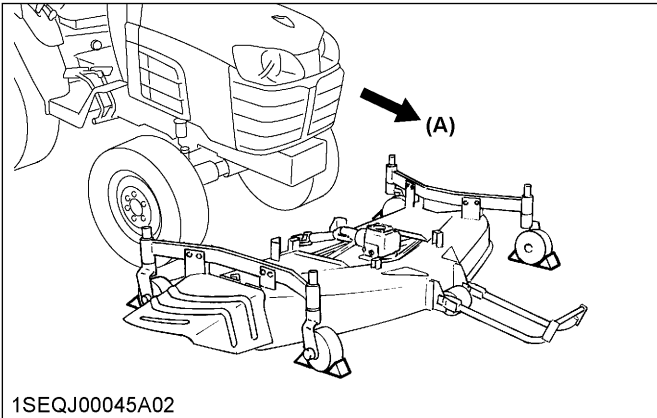
- (1) Front link
(2) Plain washer
(3) Snap ring
(4) Clevis pin

2. Set the mower deck to the minimum cutting height.
3. Put chocks at the mower gauge wheels as illustrated.



- (1) Chock

4. Drive over the mower forward.
 - Run the tractor at low speed when riding over the mower.
 - Make sure that the mower rear links are at highest position.
 - Attach the belt cover securely.



(A) "Drive over forward"

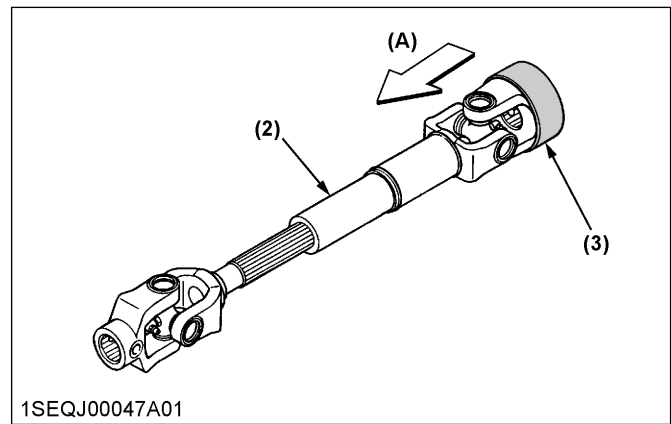
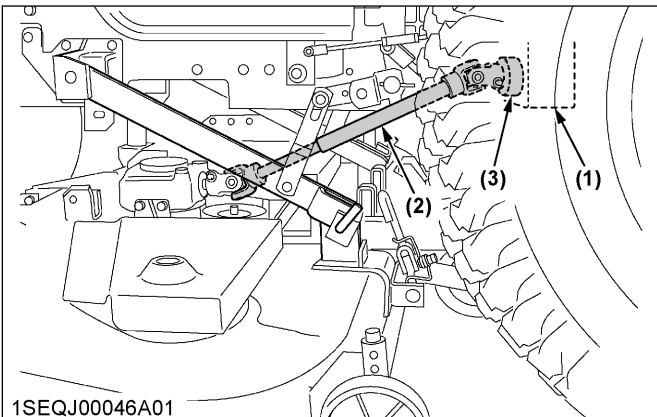
To be continued.

3. RCK60-30BC, RC72-30BC continued

1. Mounting the universal joint.
Pull back the coupler of the universal joint.
Push the universal joint onto the PTO shaft until the coupler locks.
Slide the universal joint back and forth until the universal joint is locked securely.

IMPORTANT :

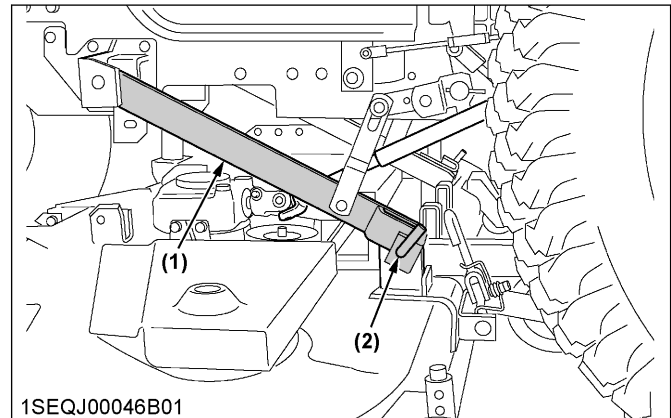
- Finally, tug on the universal joint to make sure it is locked on the PTO shaft.



- (1) Mid PTO
- (2) Universal joint
- (3) Coupler

(A) "TUG"

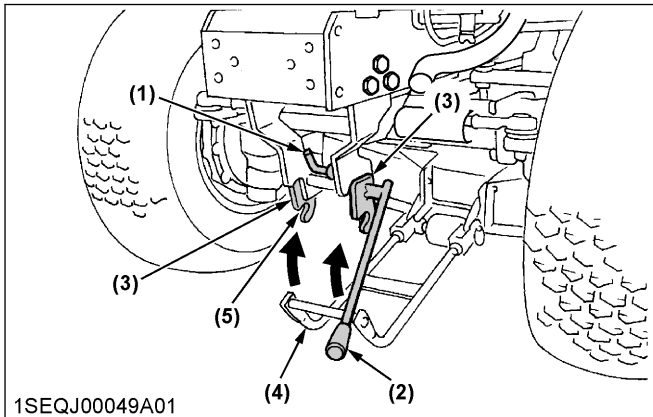
2. Attaching the mower to the rear links.
 - Push down the position control lever to lower the mower's rear links.
 - Attach the rear link to the mower with the L pins.



- (1) Rear link
- (2) L pin

3. Mounting the front link.

- Pull the front L pin and lock it. Then lower the front lever.



- 1SEQJ00049A01
- | | |
|-------------------|--------------------------|
| (1) L pin | (4) Front link |
| (2) Front lever | (5) Lever fulcrum groove |
| (3) Lever fulcrum | |

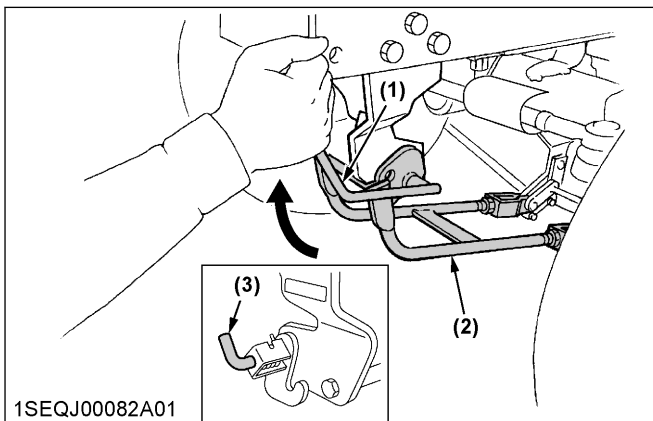
- Hook the front link to the lever fulcrum groove, and lift the front lever.
- Release the L pin to lock the front lever.

NOTE :

- When hooking the front link to the lever fulcrum groove, normal position of the lever fulcrum groove is open to downward.

IMPORTANT :

- Check that the front lever is locked securely with the L pin.
- Make sure that all 4 gauge wheels of the mower contact the ground.



- 1SEQJ00082A01
- | |
|------------------|
| (1) Front lever |
| (2) Front link |
| (3) L pin (Lock) |

MOUNTING THE MOWER TO THE PAST TRACTOR WITH FRONT LOADER

⚠ WARNING

To avoid serious injury or death:

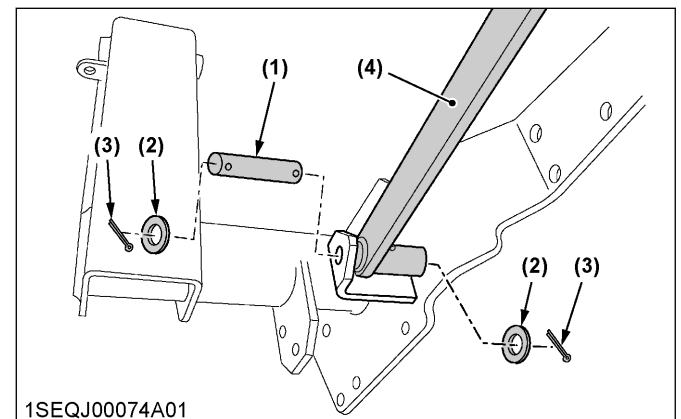
- Park the tractor on a firm, flat and level surface, set the parking brake, stop the engine and remove the key.

1. Installing the mower parts to the front loader frame

NOTE :

- RCK60-30BC and RC72-30BC can be mounted to B3000, B2630, B3030, B3150, B2650, and B3350. But if your tractor is B3000, B2630 or B3030 with front loader, mower mounting procedure changes. See the following procedure.

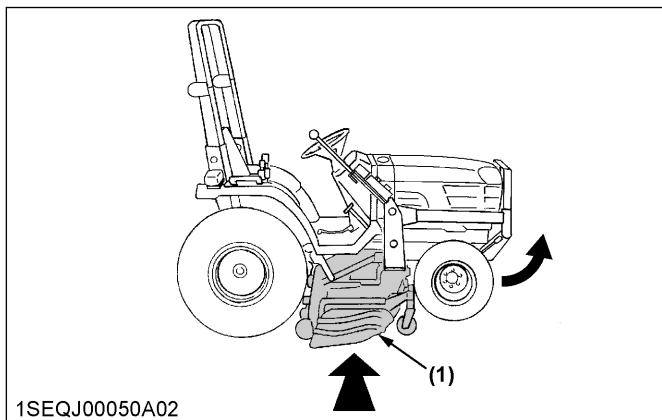
1. Remove the front loader and the backhoe sub frame from the tractor. (Refer to the front loader operator's manual.)
2. Install the rear links to the front loader frame with the stay pins, plain washers and cotter pins.



- 1SEQJ00074A01
- | |
|------------------|
| (1) Stay pin |
| (2) Plain washer |
| (3) Cotter pin |
| (4) Rear link |

3. RCK60-30BC

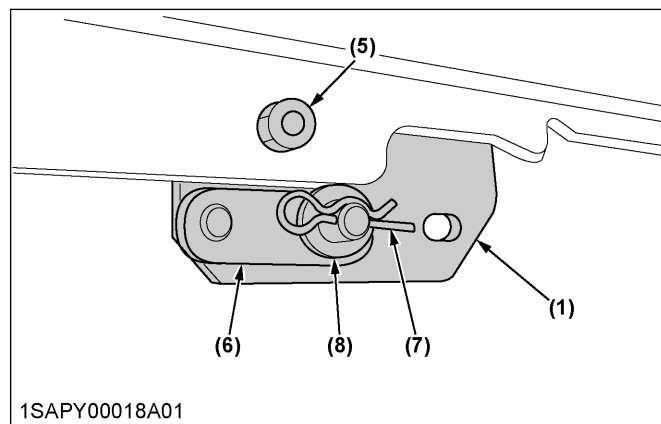
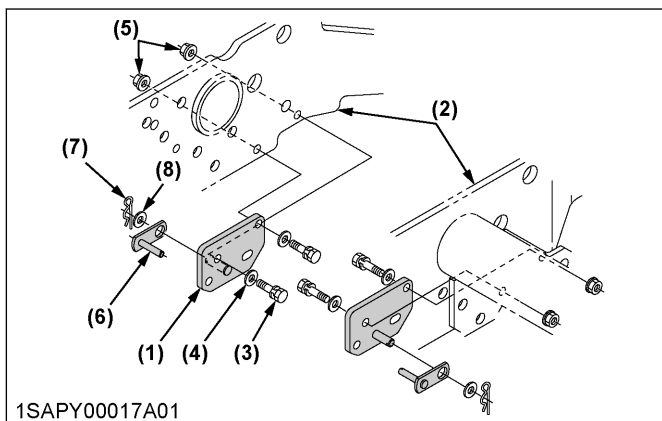
Turn the steering wheel fully left.
Mount the mower from the right side of the tractor.
(See MOUNTING THE MOWER TO THE TRACTOR on page 19.)



(1) Mower

4. RCK60-30BC

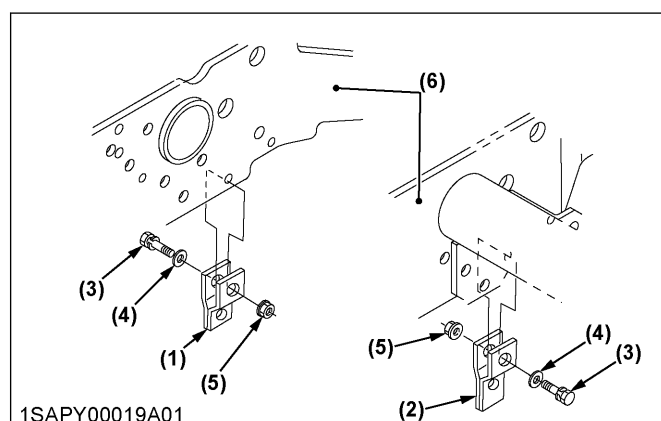
Attach the loader stoppers and loader stopper pin to the loader frame. See the following figure.
(Attaching the loader stoppers is not needed for **B2650**, **B3350** and **B3150**.)



(1) Loader stopper
(2) Loader frame
(3) M12 bolt
(4) Plain washer
(5) Nut
(6) Loader stopper pin
(7) Snap pin
(8) Plain washer

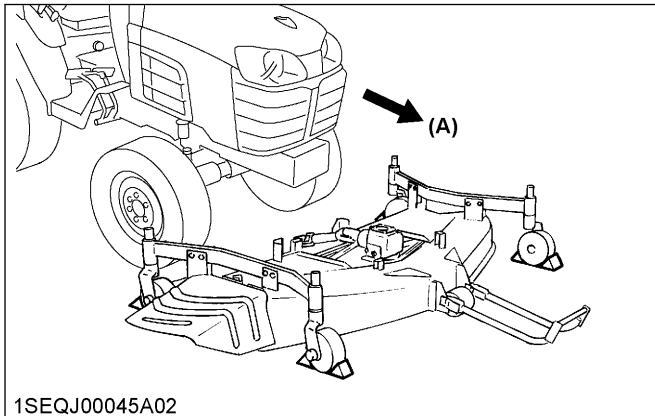
5. RC72-30BC

Attach the loader stoppers to the loader frame. See the following figure.
(Attaching the loader stoppers is not needed for **B2650**, **B3350** and **B3150**.)



(1) Loader stopper (RH)
(2) Loader stopper (LH)
(3) M12 bolt
(4) Plain washers
(5) Nuts
(6) Loader frame

6. Drive over the mower forward, and mount the mower.
(See MOUNTING THE MOWER TO THE TRACTOR on page 19.)



(A) "Drive over forward"

2. Using the 3-point hitch attachment or the front loader

⚠ WARNING

To avoid serious injury or death:

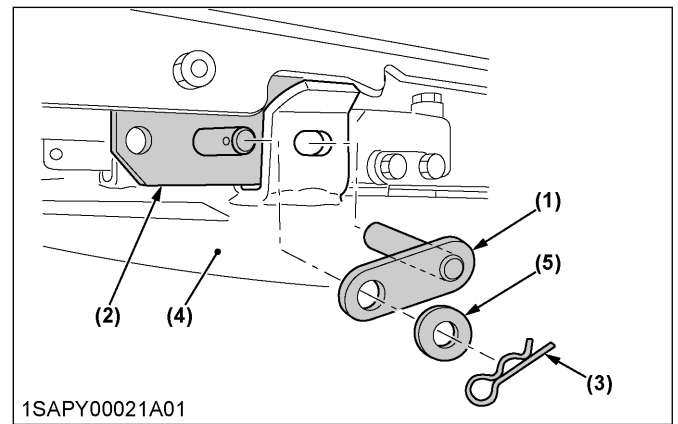
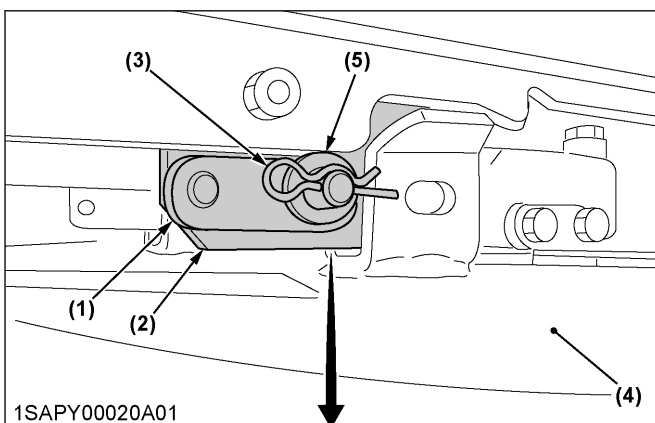
- When not using the mower, shift the PTO lever to "NEUTRAL" or "OFF" position.

To use a 3 point hitch mounted attachment or the front loader when the mower is attached, follow the procedure below.

1. Lift the mower deck to the fully raised position.
2. Remove the loader stopper pin. Insert the pins in the holes of the mower deck and loader stopper, then attach the snap pin (**RCK60-30BC**) and snap ring (**RC72-30BC**).

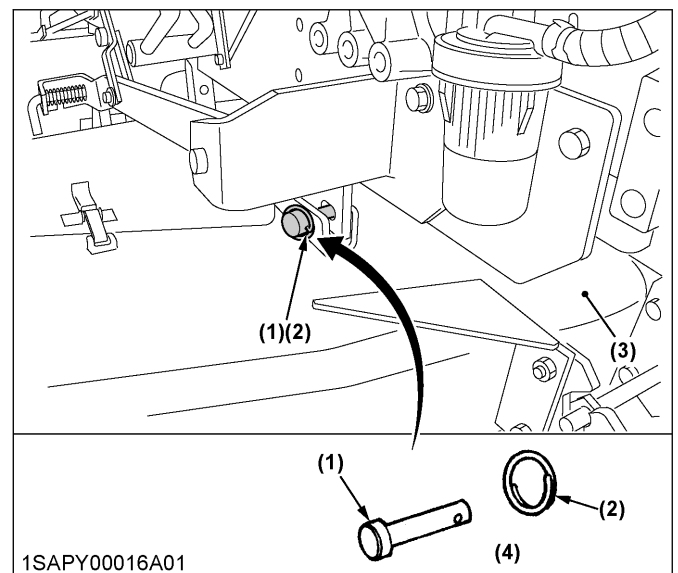
RCK60-30BC

Remove the loader stopper pin from the stay and reinstall it in the holes of mower deck as shown.



- (1) Loader stopper pin
- (2) Loader stopper
- (3) Snap pin
- (4) Mower deck
- (5) Plain washer

RC72-30BC



- (1) Clevis pin (ø12 × 35)
- (2) Snap ring
- (3) Mower deck
- (4) Tool box

3. Set the front gauge wheels and the rear gauge wheels in the lowest cutting position to get the maximum ground clearance.

IMPORTANT :

- Do not change the length of the connecting rods.
- Set check chains to prevent implement driveline interference.
- With drawbar drawn implements, check for implement driveline interference through full LH and RH turns.

ADJUSTMENTS OF THE MOWER

⚠ WARNING

To avoid serious injury or death:

- Park the tractor on a firm, flat, and level surface and set the parking brake.
- Stop the engine, remove the key and allow the blades to stop before adjustment of the mower.
- Wear heavy gloves or wrap end of blade with a rag when you handle blades.

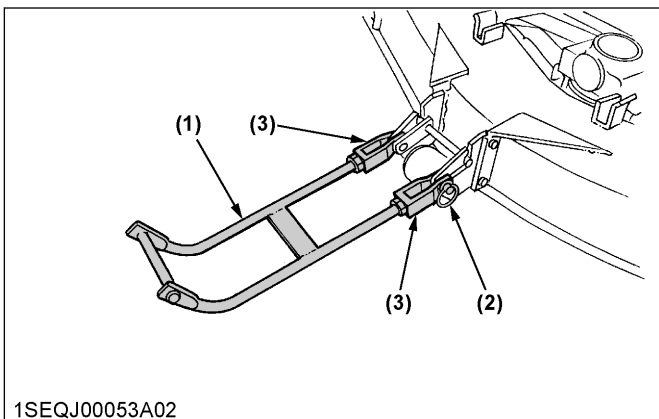
ADJUSTING THE FRONT LINK AND CONNECTING ROD

⚠ WARNING

To avoid serious injury or death:

- Before starting the engine, make sure that all levers (including auxiliary control levers) are in their "NEUTRAL" positions, that the parking brake is engaged, and that both the clutch and the power take-off (PTO) are disengaged (OFF).

1. Park the tractor on a firm, flat, and level surface.
2. Set the mower gauge wheels to the same height and lower the mower to the ground.
3. If the front wheels are not on the ground, remove the front link from the mower and lengthen the front link by turning the buckle.
4. Attach the front link to the mower. If the front wheels still do not touch the ground, repeat step 3.



1SEQJ00053A02

- (1) Front link
- (2) Clevis
- (3) Buckle

5. Start the engine.
6. Raise the tractor lower links to the maximum lifting position and shut off the engine.

(See TRACTOR HYDRAULIC STOP ADJUSTMENT on page 27.)

7. Adjust the turnbuckles of the left and right connecting rods until the clearances are as follows:

L1:

Between front stopper and mid hanger bracket 2 to 4 mm (0.08 to 0.10 in.).

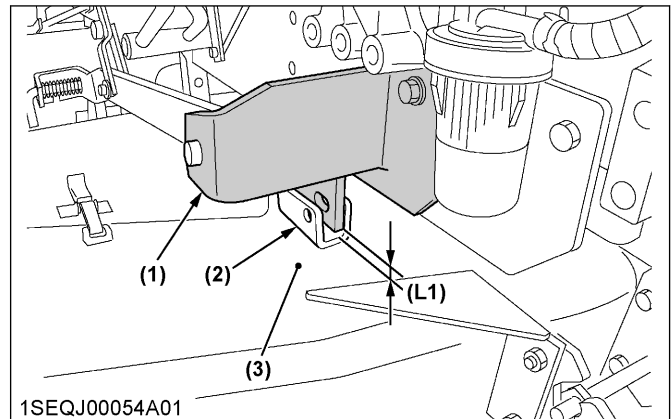
L2:

Between rear stopper and tractor frame 5 to 8 mm (0.20 to 0.30 in.).

IMPORTANT :

- Proper adjustment of the mower connecting rod length is very important to avoid damage to the mower lifting system.

Front stopper

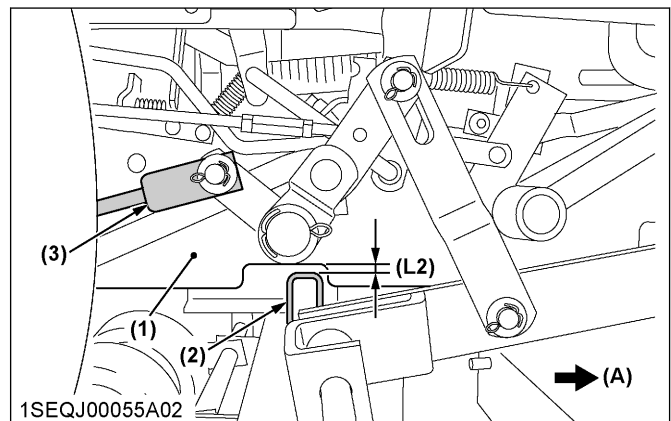


1SEQJ00054A01

- (1) Mid hanger bracket
- (2) Front stopper
- (3) Mower deck

(L1) 2 to 4 mm (0.08 to 0.10 in.)

Rear stopper



1SEQJ00055A02

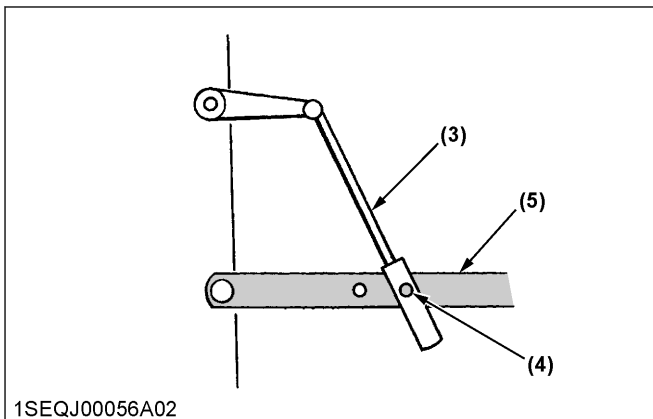
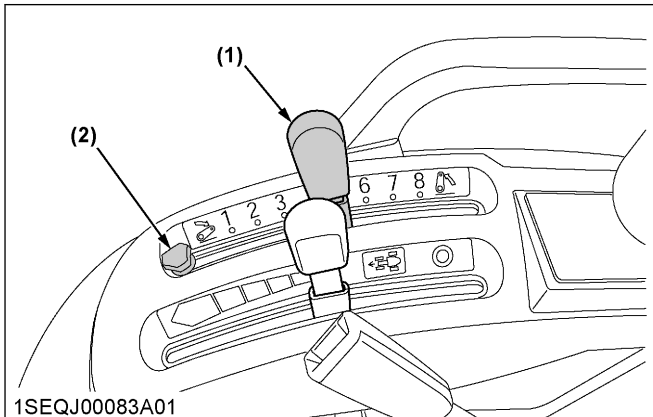
- (1) Tractor frame
- (2) Rear stopper
- (3) Connecting rod

(L2) 5 to 8 mm (0.20 to 0.30 in.)

(A) "Front"

TRACTOR HYDRAULIC STOP ADJUSTMENT

1. Raise the hydraulic control lever of the tractor to get the lower links at a level.
2. Apply the stop bolt so that the lever will not be lowered further.
 - Setting position of the lower link and lifting rod is shown in the illustration below.



- (1) Hydraulic control lever
(2) Stop bolt
(3) Lifting rod
(4) Setting position
(5) Lower link

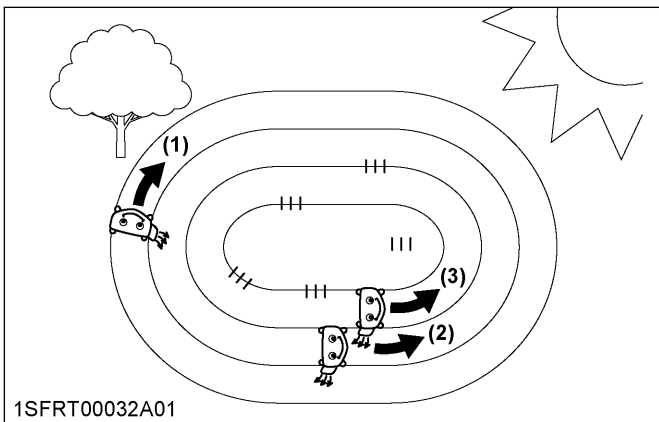
OPERATION OF THE MOWER

MOWING TIPS

1. When using your mower for the first time, choose a smooth level area and cut in straight and slightly overlapping strips.
2. The size and type of the area to be mowed will determine the proper mowing pattern. Take into account obstructions, such as trees, fences and buildings.

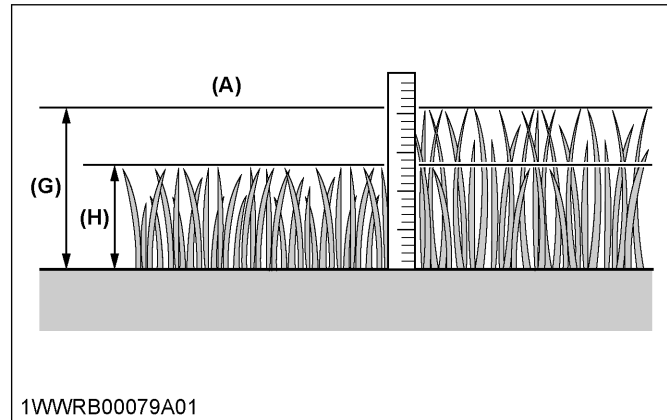
To keep grass clippings off fences, sidewalks, and so on, it is advisable to go over the outside of the area to be mowed several times in a clockwise direction.

To mow the area remaining, work in a counterclockwise direction so the clippings are dispersed onto the previously cut area.



3. Always keep the left side of the mower toward trees, posts or other obstacles on the first trip around the obstacle.
4. Most lawns should be mowed to keep the grass approximately 50 to 80 mm (2 to 3 in.) high. Best results are obtained by cutting often and not too short. To keep a green lawn, never mow more than one third of the height of the grass or a maximum of 25 mm (1 in.) in one mowing.

For extremely tall grass, set the cutting height to maximum for the first mowing, then reset to the desired height and mow again. Allow the grass to grow to 3 inches, then cut off only the top growth.



- (A) $H/G > 2/3$
 (G) Before mowing
 (H) Best cut grass height: 50 to 80 mm

5. On thick or springy grass or soft ground, the mower rollers may sink into the ground, resulting in the cut being too low. Adjust the cutting height to get the desired height of cut.
6. For best appearance, mow the grass in the dry condition. (For example, in the afternoon or evening)

ADJUSTING THE CUTTING HEIGHT

⚠ DANGER

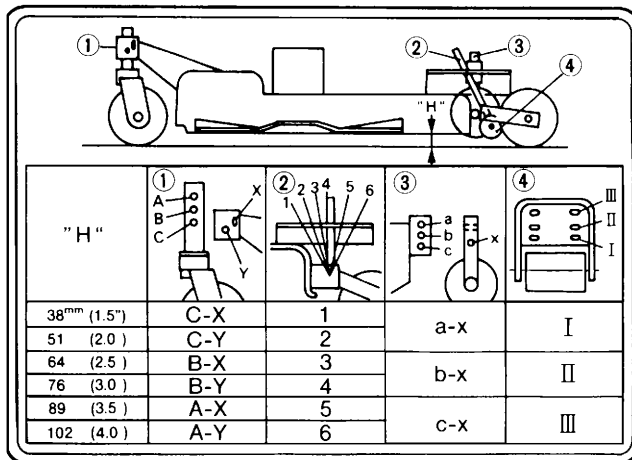
To avoid serious injury or death:

- Never operate the mower in the transport position.

Cutting height can be adjusted from 38 mm to 102 mm.

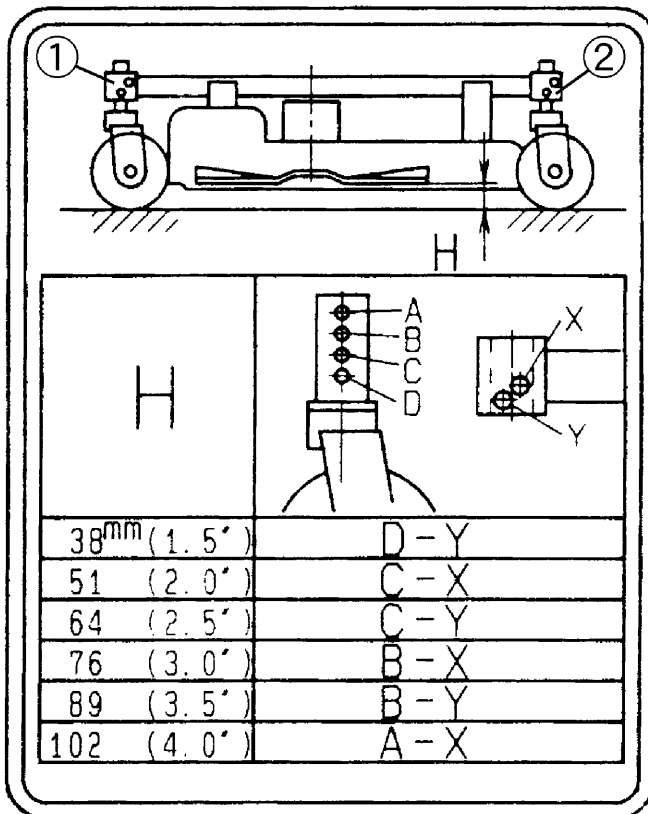
1. To set the cutting height, raise the mower.

- Adjust both of front gauge wheels, rear gauge wheels, anti-scalp roller and wheel as shown in the figures.

RCK60-30BC

1SEQJ00004A01

- Front gauge wheel
- Rear gauge wheel
- Anti-scalp wheel
- Anti-scalp roller

RC72-30BC

1SEQJ00005A01

- Front gauge wheel
- Rear gauge wheel

- Lower the mower deck by moving the position control lever forward. This lowers the mower deck from the transport position to the operating position.

- Use higher settings for mowing in rough area or tall grass area. Lower settings should be used only for smooth lawns, where short grass is desired.

OPERATING THE MOWER**⚠ DANGER**

To avoid serious injury or death:

- Do not operate the mower without the discharge deflector properly.

⚠ WARNING

To avoid serious injury or death:

- Hillside operation is dangerous and is not recommended. If it is necessary to mow on a hillside, use extreme caution. Never mow across the face of a slope. Do not operate the mower with the loader.
- Before starting the engine, make sure that all levers (including auxiliary control levers) are in their "NEUTRAL" positions, that the parking brake is engaged, and that both the clutch and the power take-off (PTO) are disengaged (OFF).
- Remove foreign objects, such as rocks, cans, bottles, and so on, from the area to be mowed.
- Do not direct the opening of the discharge deflector towards bystanders or animals. Thrown objects may cause injury. Plan your mowing carefully before starting operations.
- Keep bystanders and animals away from the mowing area.
- When not using the mower, shift the PTO lever to "OFF" position.
- Before leaving the driver's seat, park the tractor on a firm, flat, and level surface, set the parking brake, stop the engine, and remove the key.

IMPORTANT :

- When operating the loader in rough terrain, remove the mower to avoid damage to the mower.
- To prevent the engine from overheating, keep the radiator and radiator net clean.

- Keep the engine running at full throttle for best results.
- During heavy duty use, operate the tractor at a slower ground speed or go over the area twice.
- Keep the mower deck in the fully raised position when the mower is not being used.
- The mower will not cut cleanly if the ground speed is too high or if the blade speed drops due to an overload, or if the blades are dull.

DISMOUNTING THE MOWER FROM THE TRACTOR

WARNING

To avoid serious injury or death:

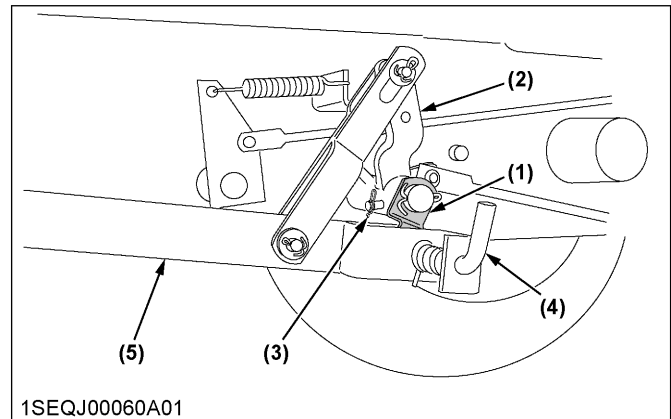
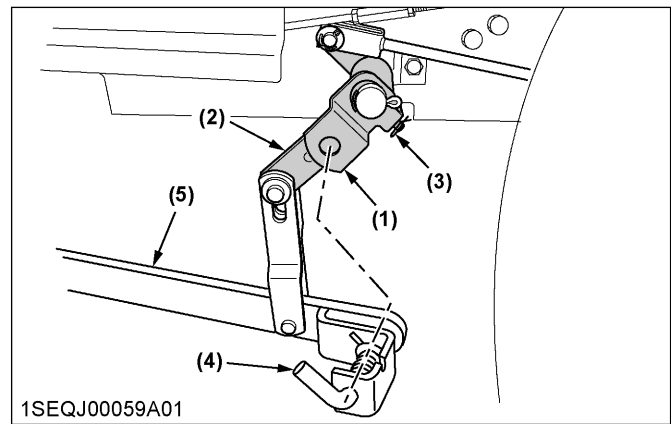
- Park the tractor on a firm, flat and level surface, set the parking brake.
- Stop the engine and remove the key.

1. RCK60-30BC

1. Park the tractor on a firm, flat and level surface and set the parking brake.
2. Move the hydraulic control lever rearward to raise the mower rear links to the highest position.
3. Turn the 3-point lowering speed knob to "LOCK" position. (Refer to the tractor operator's manual.)
4. Stop the engine and remove the key.
5. Turn the anti-scalp roller sideways and move the rear gauge wheel to the lowest cutting height.
6. Adjust the 3-point lowering speed knob (refer to the tractor operator's manual) and move the hydraulic control lever forward to lower the mower.
7. Remove the rear links from the mower.
8. Restart the engine.
9. Move the hydraulic control lever rearward to raise the mower rear links.
10. Turn the steering wheel fully left.
11. Stop the engine and remove the key.
12. Pull back the universal joint coupler to unlock it.
13. Remove the front link, then remove the mower deck.

NOTE :

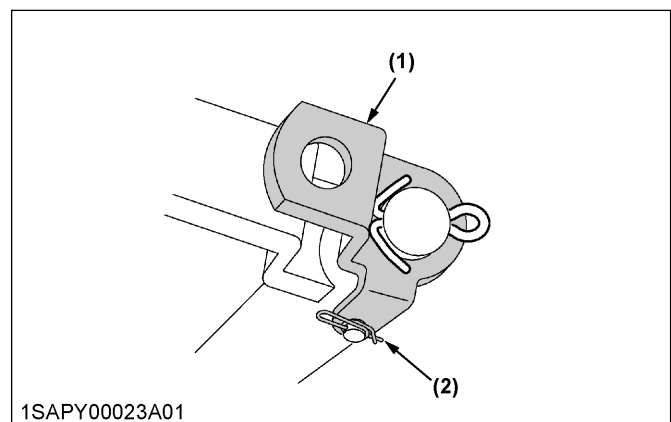
- To hold the mower links
 - a. Remove the rue ring cotter pin from the link stoppers. Reinstall it to the lift arms.
 - b. Rehook the rear links to the link stoppers with the L pins. This will keep the rear links out of the way.
- Do not use the link stopper with the mower deck mounted.



- | | |
|-------------------------|---------------|
| (1) Link stopper | (4) L pin |
| (2) Lift arm | (5) Rear link |
| (3) Rue ring cotter pin | |

NOTE :

- When remounting the mower deck, reinstall the link stopper as shown.

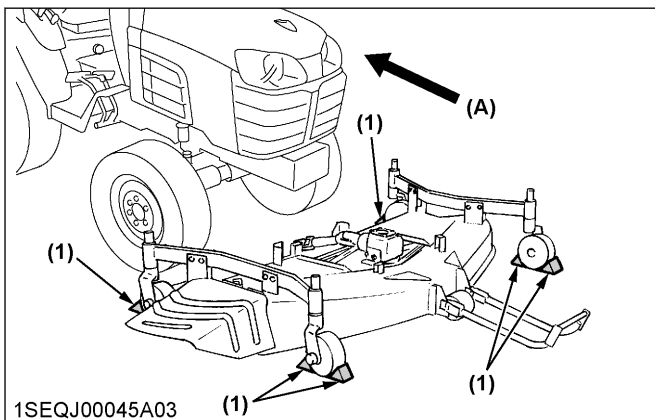


- | |
|-------------------------|
| (1) Link stopper |
| (2) Rue ring cotter pin |

2. RC72-30BC

1. Park the tractor on a firm, flat and level surface and set the parking brake.
2. Move the hydraulic control lever rearward to raise the mower rear links to the highest position.

3. Turn the 3-point lowering speed knob to "LOCK" position. (Refer to the tractor operator's manual.)
4. Stop the engine and remove the key.
5. Set the mower deck to the minimum cutting height.
6. Adjust the 3-point lowering speed knob (refer to the tractor operator's manual) and move the hydraulic control lever forward to lower the mower.
7. Remove the rear links from the mower.
8. Restart the engine.
9. Move the hydraulic control lever rearward to raise the mower rear links.
10. Stop the engine and remove the key.
11. Pull back the universal joint coupler to unlock it.
12. Remove the front link.
13. Put chocks at the mower gauge wheels as illustrated.
14. Move the tractor backward.
 - Move the tractor at low speed.
 - Make sure that the mower rear links are at highest position.
 - Attach the belt cover securely.

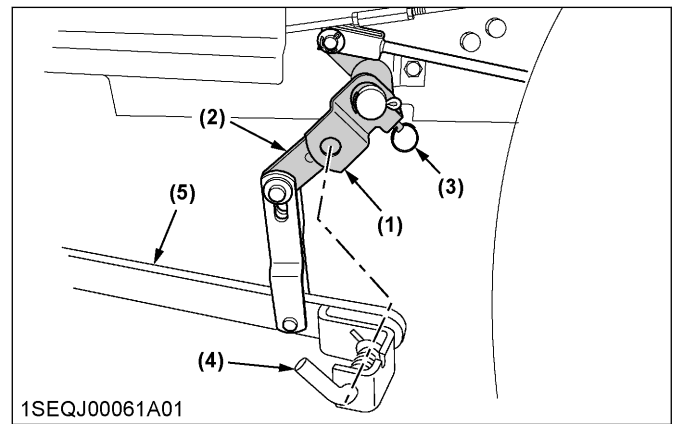


(1) Chock

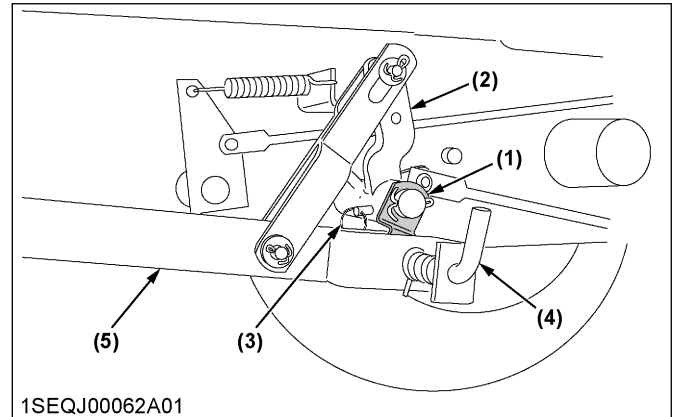
(A) "Move the tractor backward"

NOTE :

- To hold the mower links
 - a. Remove the snap ring from the link stoppers. Reinstall it to the lift arms.
 - b. Rehook the rear links to the link stoppers with the L pins. This will keep the rear links out of the way.
- Do not use the link stopper with the mower deck mounted.



1SEQJ00061A01



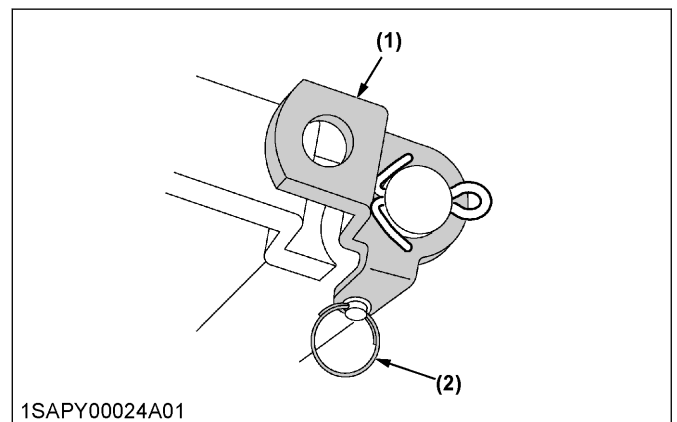
1SEQJ00062A01

- (1) Link stopper
(2) Lift arm
(3) Snap ring (ø30)

- (4) L pin
(5) Rear link

NOTE :

- When remounting the mower deck, reinstall the link stopper as shown.



1SAPY00024A01

- (1) Link stopper
(2) Snap ring

MAINTENANCE OF THE MOWER

MAINTENANCE CHECKLIST

WARNING

To avoid serious injury or death:

- Stop the engine and remove the key.

No.	Check point	Used hours (Change or check every interval)					Reference page
		Daily check	50 hrs	150 hrs	1 year	4 years	
1	Oil leakage check	•					33
2	Make sure blade bolts are tight.	•					35
3	Blade and belt wear check	•					36, 37
4	All hardware check	•					—
5	Make sure all pins are in place.	•					—
6	Mower deck cleaning	•					36
7	Greasing • Universal joint • 3 spindle shafts • Belt tension pulley • Belt tension pivot • Front anti-scalp roller • Rear anti-scalp roller (72" only) • Lift arms	•					33
	• Front and rear gauge wheels • Link joint		•				33
8	Gearbox oil check	•					33
9	Gearbox oil change		◎	•			33
10	Gearbox oil seal check				• ^{*1*2}		—
11	Gearbox oil seal replacement					• ^{*2}	—

IMPORTANT :

- The jobs indicated by ◎ must be done the first time at 50 hrs.

*1 Replace if any deterioration (crack, hardening, scar, or deformation) or damage occurs.

*2 Contact your local Kubota Dealer for this service.

CHECK AND MAINTENANCE

WARNING

To avoid serious injury or death:

- Stop the engine, set the parking brake and remove the key.

1. Checking and changing the gearbox oil

IMPORTANT :

- To prevent serious damage to gears, bearings and oil seals, do not mix different kinds of oil.
- Use SAE 90 (API GL5) gear oil or SAE 10W-30 (API SH or higher) gasoline engine oil in all seasons.
- Change oil in gearbox after first 50 hours and every 150 hours thereafter.

1. Place the mower on level surface.
2. To check the oil level, remove the check plug bolt. Oil should be visible through the opening.
3. Follow the following steps:
[If the oil level is too low]
 - a. Check the label on the gearbox before adding new oil.

Label	No label	Octagonal label
Oil type	Gear oil	Gasoline engine oil
Capacity	0.36 L (0.38 qts.)	
SAE	SAE 90	SAE 10W-30
API service category	API GL5	SH or higher

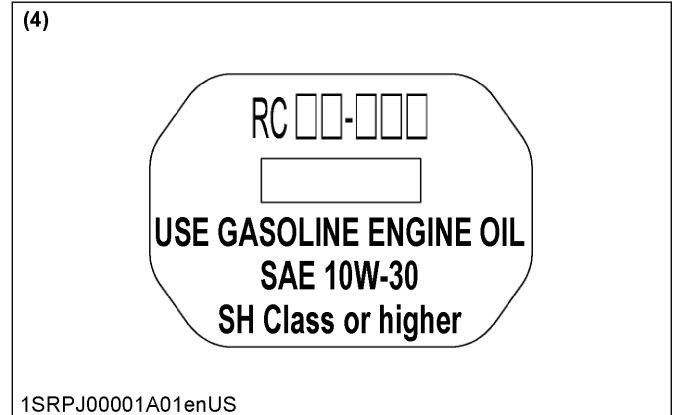
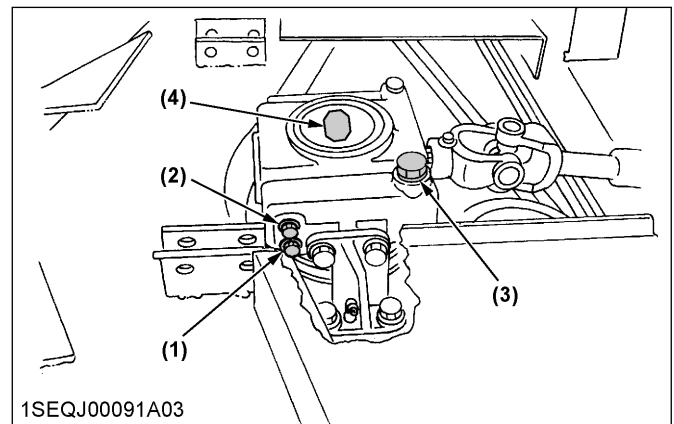
- b. Add new oil to the check plug level from the oil inlet.

[If oil level is too high]

- a. Drain oil from the oil inlet to the check plug level.

[To change oil]

- a. Remove the drain plug and drain oil.
- b. Refill the gearbox with oil to the check plug level from the oil inlet.



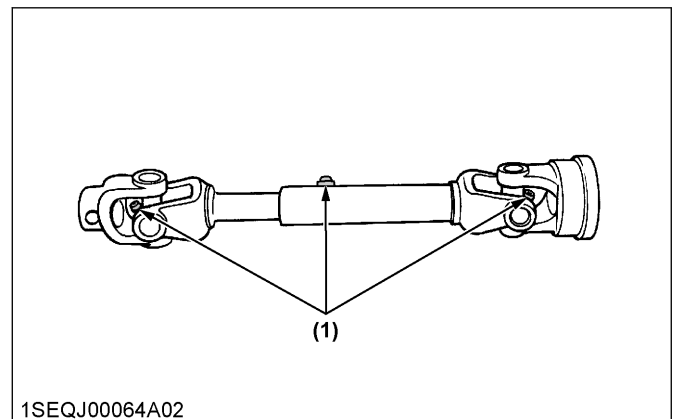
- (1) Drain plug bolt
(2) Check plug bolt
(3) Oil filler plug
(4) Octagonal label

2. Greasing

Use multipurpose EP2 grease (NLGI grade No.2).

Apply a small amount of multipurpose grease to the following points every day. If you operated the machine in extremely wet and muddy condition, lubricate grease fittings more often.

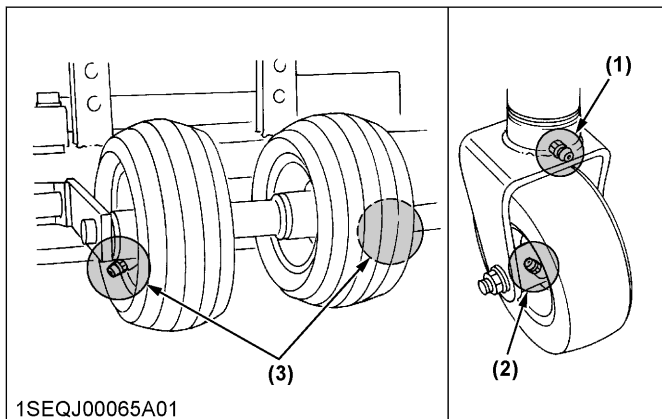
1. Universal joint.



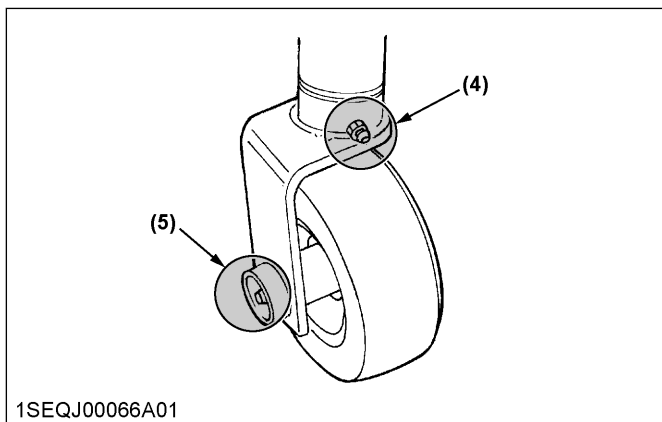
- (1) Grease fitting (Universal joint)

2. Front gauge wheel brackets.
Front and rear gauge wheels.

RCK60-30BC



RC72-30BC

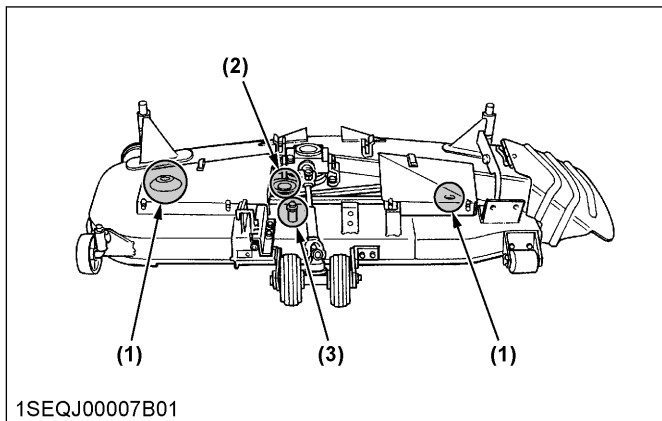


- (1) Grease fitting (Front gauge wheel bracket)
- (2) Grease fitting (Front wheels)
- (3) Grease fitting (Rear wheels)
- (4) Grease fitting (Gauge wheel bracket)
- (5) Grease fitting (Gauge wheel)

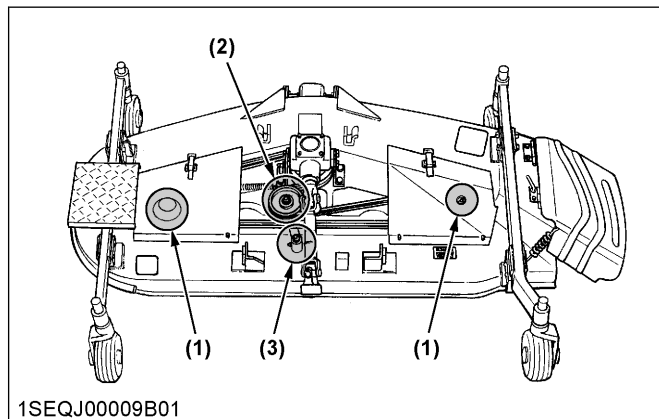
3. Spindle shafts

4. Belt tension pivot and tension pulley.

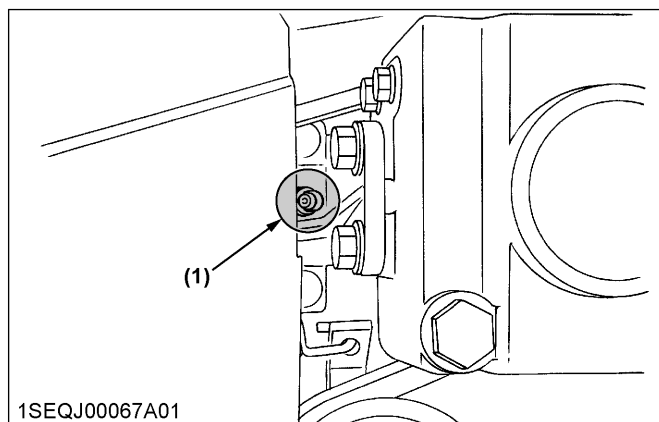
RCK60-30BC



RC72-30BC

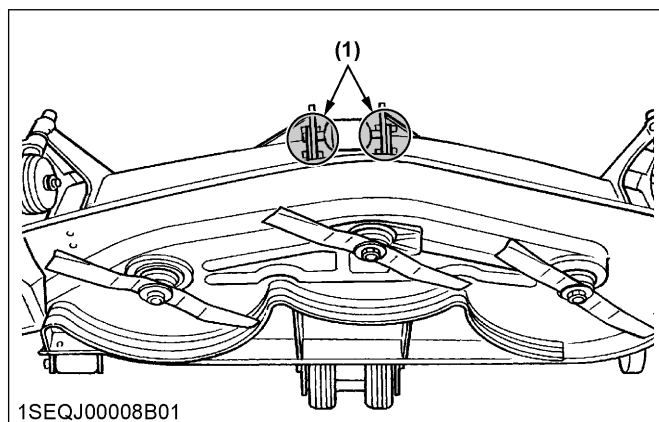


- (1) Grease fitting (Spindle shaft)
- (2) Grease fitting (Belt tension pulley)
- (3) Grease fitting (Belt tension pivot)



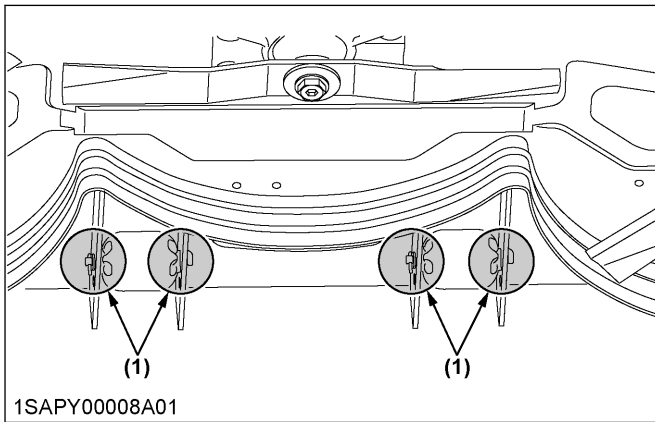
- (1) Grease fitting (Center spindle shaft)

5. Front anti-scalp roller.



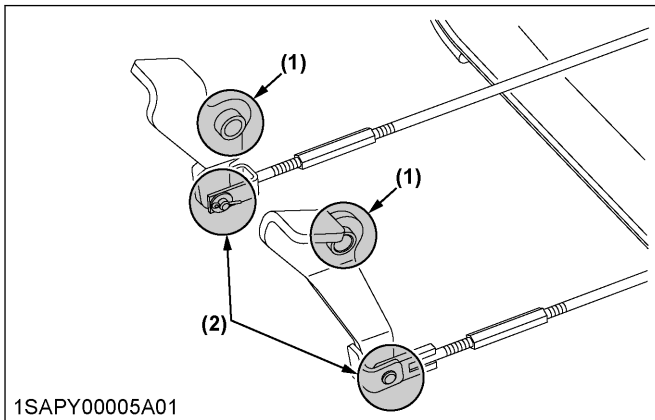
- (1) Roller pin

6. Rear anti-scalp roller.



(1) Roller pin

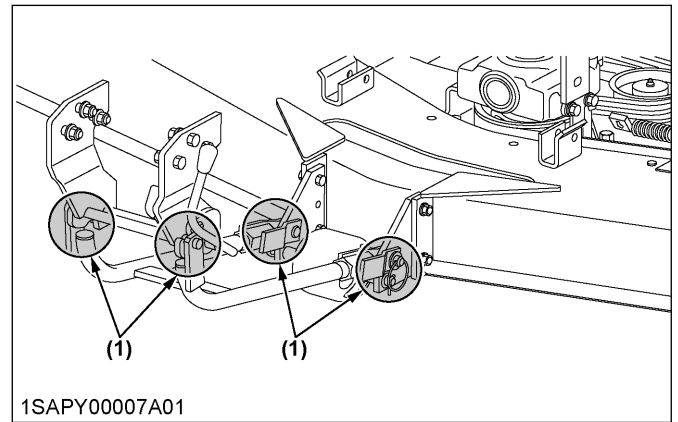
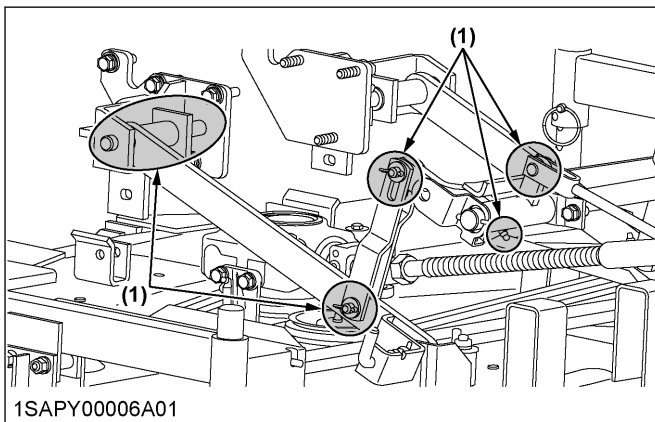
7. Lift arms and link joint.



(1) Grease fitting (Lift arm)

(2) Grease fitting (Link joint)

LH and RH



(1) Grease fitting (Link joint)

NOTE :

- After checking above items, replace any worn, damaged or missing parts.
- Dry mower deck completely before storage, or pulleys become rusty and belt damage can result.

CHECKING AND REPLACING THE BLADE

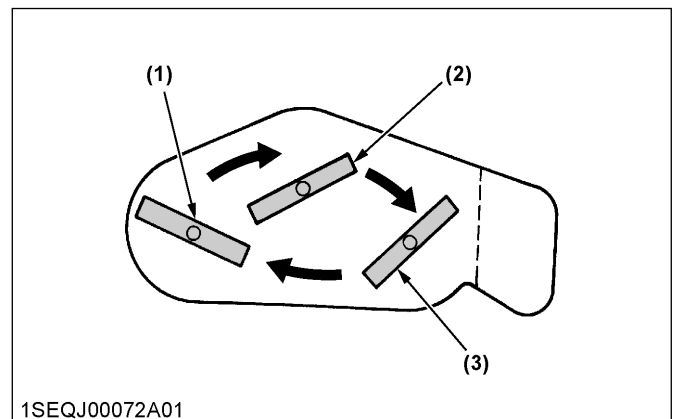
⚠ WARNING

To avoid serious injury or death:

- Stop the engine and remove the key.
- Blades may be sharp. When you handle the blades, wear heavy gloves or wrap the end of the blade with a rag.

IMPORTANT :

- The blade bolts equip right-hand threads. Turn the blade bolts counterclockwise to loosen.
- To prolong the service life of the blades, reposition them periodically as shown in the following figure.



(1) LH blade

(2) Center blade

(3) RH blade

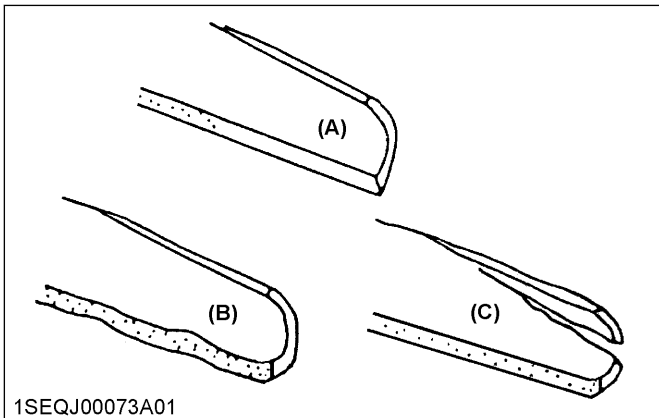
1. Cleaning the mower deck

Before checking or replacing the blade, wipe grass and mud off the top and inside of the mower. Especially clean up the inside of the belt cover, otherwise the belt life will be reduced.

2. Checking the blade

The blade cutting edges should be kept sharp at all times.

- Sharpen the cutting edges if they look like the blade (B).
- Replace the blades if they look like the blade (C).



- (A) New blade
(B) Worn blade
(C) Cracked blade

3. Replacing the blade

IMPORTANT :

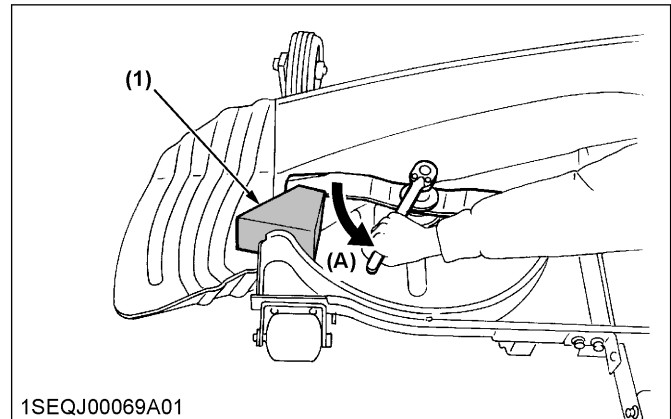
- Use the proper metric size box or socket wrench to tighten or loosen the blade mounting bolt.
- Use only Kubota genuine parts. Failure to use Kubota genuine parts may result in costly repairs, reduced performance, and safety hazards.

Model	Blade
RCK60-30BC	K5651-3434-0
RC72-30BC	76553-3433-0

- Remove the mower deck from the tractor.
(See DISMOUNTING THE MOWER FROM THE TRACTOR on page 30.)
- Turn the mower deck over to expose the blades.
- To prevent the spindle from rotating while removing the blade bolts, perform one of the following methods:
 - Wedge a block of wood between the blade and mower housing.

- Use a box wrench over the pulley nut.

- Loosen the blade bolts as follows.



(1) Block

(A) "LOOSEN"

- To sharpen the blades, clamp the blades one at a time securely in a vise.
Use a large mill file and file along the original bevel until sharp.
- To check the blade for balance, place a small rod through the center hole.
The blade should balance on this rod. If the blade is not balanced, file the heavy side of the blade until balance is achieved.

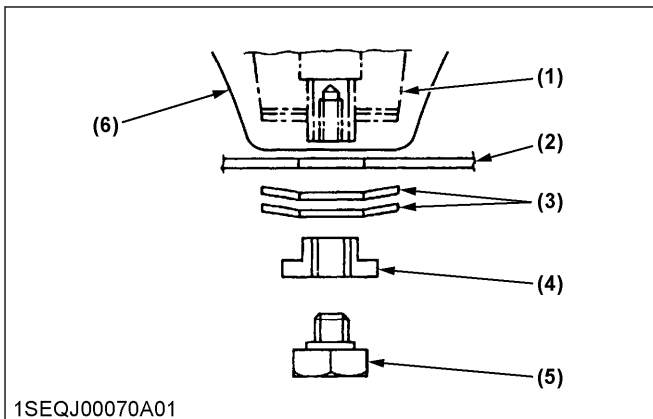
- Pass the spline boss through the blade and the 2 cup washers, and tighten the bolt.

NOTE :

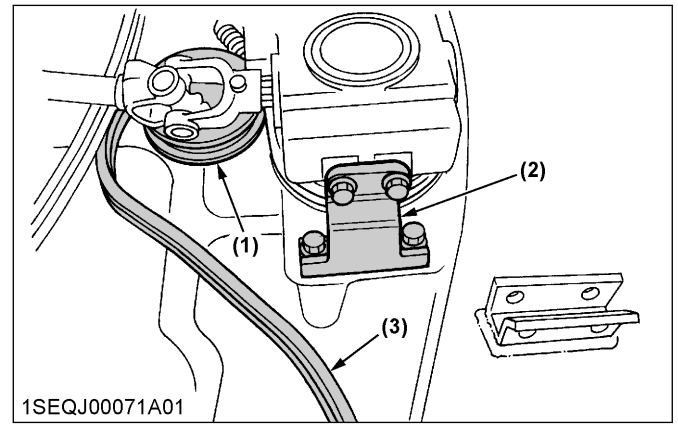
- Make sure that the cup washers are not flattened out or worn. Flattened or worn cup washers cause blade to slip excessively. Replace the 2 cup washers if either is damaged.

IMPORTANT :

- Tighten the 3 blade bolts to 102 to 117.6 N·m (10.4 to 12 kgf·m, 75.2 to 86.7 lbf·ft) of torque.
- Install the cup washers in the direction shown in the figure.



- Spindle holder
- Blade
- 2-Cup washers
- Spline boss
- Bolt
- Spindle guard



- Tension pulley
- Bracket (RH)
- Belt

CHECKING AND REPLACING GEARBOX OIL SEAL

Contact your local Kubota Dealer for this service.

REPLACING THE BELT

- Remove the mower from the tractor.
(See DISMOUNTING THE MOWER FROM THE TRACTOR on page 30.)
- Remove the left and right hand belt cover from the mower deck.
- Clean around the gearbox.
- Remove the belt from the tension pulley.
- Remove the right-hand bracket which mounts the gearbox to the mower deck and slip the belt over the top of the gearbox.
- To install a new belt, reverse the above procedure.

NOTE :

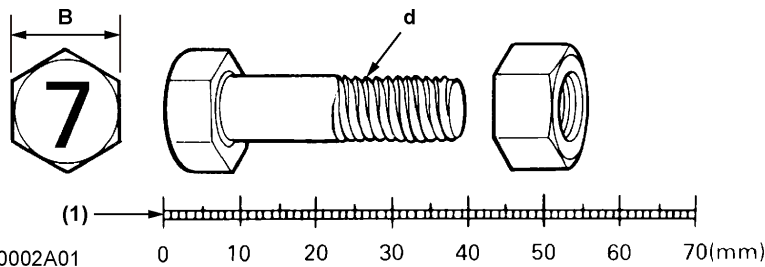
- Tighten bracket bolts securely to 77.6 to 90.2 N·m (8.0 to 9.2 kgf·m, 57.1 to 66.5 lbf·ft) of torque.

TIGHTENING TORQUE CHART

Thread size d (mm)	Hex. bolt head size B (mm)	No mark			7T		
		lbf·ft	N·m	kgf·m	lbf·ft	N·m	kgf·m
M8	12 or 13	13.0-15.2 (14.1 ± 1.1)	17.8-20.6 (19.2 ± 1.4)	1.9-2.1 (2.0 ± 0.1)	17.5-20.3 (18.9 ± 1.4)	23.5-27.5 (25.5 ± 2.0)	2.4-2.8 (2.6 ± 0.2)
M10	14 or 17	28.9-33.3 (31.1 ± 2.2)	39.3-45.1 (42.2 ± 2.9)	4.0-4.6 (4.3 ± 0.3)	35.4-41.2 (38.3 ± 2.9)	48.1-55.9 (52.0 ± 3.9)	4.9-5.7 (5.3 ± 0.4)
M12	17 or 19	46.3-53.5 (49.9 ± 3.6)	62.8-72.6 (67.7 ± 4.9)	6.4-7.4 (6.9 ± 0.5)	57.1-66.5 (61.8 ± 4.7)	77.6-90.2 (83.9 ± 6.3)	8.0-9.2 (8.6 ± 0.6)
M14	19 or 22	79.6-92.6 (86.1 ± 6.5)	107.9-125.5 (116.7 ± 8.8)	11.0-12.8 (11.9 ± 0.9)	91.1-108.5 (99.8 ± 8.7)	123.6-147.0 (135.3 ± 11.7)	12.6-15.0 (13.8 ± 1.2)

NOTE :

- Figure [7] on the top of the bolt indicates that the bolt is made of special material.
- Before tightening, check the figure on top of the bolt.



(1) Scale

American standard cap screws with UNC or UNF threads				Metric cap screws			
SAE grade no.		GR.5	GR.8	Property class		Class 8.8	Class 10.9
5/16	(lbf·ft) (N·m) (kgf·m)	17-20.5 23.1-27.8 2.35-2.84	24-29 32.5-39.3 3.31-4.01	M8	(lbf·ft) (N·m) (kgf·m)	17.4-20.2 23.6-27.4 2.4-2.8	21.7-25.3 29.4-34.3 3.0-3.5
3/8	(lbf·ft) (N·m) (kgf·m)	35-42 47.5-57.0 4.84-5.82	45-54 61.0-73.2 6.22-7.47	M10	(lbf·ft) (N·m) (kgf·m)	35.5-41.2 48.1-55.8 4.9-5.7	44.9-52.1 60.8-70.5 6.2-7.2
1/2	(lbf·ft) (N·m) (kgf·m)	80-96 108.5-130.2 11.07-13.29	110-132 149.2-179.0 15.22-18.27	M12	(lbf·ft) (N·m) (kgf·m)	57.2-66.5 77.5-90.1 7.9-9.2	76.0-86.8 103-117 10.5-12.0
9/16	(lbf·ft) (N·m) (kgf·m)	110-132 149.2-179.0 15.22-18.27	160-192 217.0-260.4 22.14-26.57	M14	(lbf·ft) (N·m) (kgf·m)	91.2-108 124-147 12.6-15.0	123-144 167-196 17.0-20.0
5/8	(lbf·ft) (N·m) (kgf·m)	150-180 203.4-244.1 20.75-24.91	220-264 298.3-358.0 30.44-36.53	M16	(lbf·ft) (N·m) (kgf·m)	145-166 196-225 20.0-23.0	192-224 260-303 26.5-31.0

LONG-TERM STORAGE OF THE MOWER

MACHINE STORAGE

If you intend to store your machine for a period of time, follow the procedures outlined below.

1. Remove the mower deck covers.
2. Loosen the drive belt of the mower not to stretch out.
3. Wipe grass and mud off the top and inside of the mower.
4. Clean all pulleys, wipe with a dry cloth, and apply oil.

NOTE :

- **Clean pulleys and reinstall the drive belt just prior to the next grass-cutting season.**

TROUBLESHOOTING

TROUBLESHOOTING TABLE

This operator's manual describes any service item for proper maintenance procedure.

Trouble	Cause	Remedy
Discharge deflector plugged.	• Grass too wet.	• Wait for grass to dry.
	• Grass too long.	• Raise cutting height and cut grass twice.
	• Cutting too low.	• Raise cutting height.
	• Engine rpm too low.	• Mow at full throttle.
	• Ground speed too fast.	• Slow down.
Streaking of uncut grass.	• Ground speed too fast.	• Slow down.
	• Engine rpm too low.	• Mow at full throttle, check and reset the engine rpm.
	• Grass too long.	• Cut grass twice.
	• Blades dull or damaged.	• Replace the blades or sharpen the blades.
	• Debris in mower deck.	• Clean the mower deck.
Uneven cut.	• Mower deck not level.	• Level the mower deck.
	• Ground speed too fast.	• Slow down.
	• Blades dull.	• Sharpen the blades.
	• Blades worn.	• Replace the blades.
	• Low tire inflation.	• Add air to correct.
	• Gauge wheels not adjusted correctly.	• Adjust the gauge wheels.
Blades scalping grass.	• Cutting height too low.	• Raise the cutting height.
	• Turning speed too fast.	• Reduce speed on turns.
	• Ridges in terrain.	• Change the mowing pattern.
	• Rough or uneven terrain.	• Adjust the gauge wheels and the anti-scalp rollers.
	• Gauge wheels not adjusted correctly.	• Adjust the gauge wheels and the anti-scalp rollers.
	• Bent blade(s).	• Replace the blade(s).
Belt slipping.	• Mower deck clogged.	• Unplug and clean the mower deck.
	• Debris in pulleys.	• Clean the pulleys.
	• Worn belt.	• Replace the belt.
	• Weaken tension spring.	• Replace tension spring.
Excessive vibration.	• Debris on mower deck or in pulleys.	• Clean the mower deck and the pulleys.
	• Damaged drive belt.	• Replace the drive belt.
	• Damaged pulleys.	• Replace the pulleys.
	• Pulleys out of alignment.	• Contact your Kubota Dealer.
	• Blades out of balance.	• Balance the blades.
Mower loads down tractor.	• Engine rpm too low.	• Mow at full throttle, check and reset the engine rpm.
	• Ground speed too fast.	• Slow down.

(Continued)

Trouble	Cause	Remedy
Mower loads down tractor.	• Debris wrapped around mower spindles.	• Clean the mower.
	• Front deck too low.	• Adjust mower deck.

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